2011-2012
CATALOG

NMSU | Doña Ana Community College

http://dacc.nmsu.edu
WELCOME
to the Community College

Dr. Margie Huerta, DACC President

Doña Ana Community College offers all our students opportunities to discover their potential and prepare for a vital role in the local workforce. While workforce education remains the top priority, DACC’s larger mission is to assist community members in attaining their personal as well as professional goals through a wide range of credit and noncredit programs.

Career programs through our Business and Information Systems, Health and Public Services, and Technical and Industrial Studies instructional divisions are designed to help make students competitive in the workforce. Students gain technical skills required for twenty-first century jobs that have the benefits of good incomes, challenging work, and opportunities for advancement.

The community college supports many other educational goals, as well:

- Through our Adult Basic Education program, citizens can earn a general equivalency diploma (GED).
- Courses in General Studies help students acquire the skills, knowledge and attitudes necessary for college success.
- Short courses offered through our Community Education program are available for personal enrichment.
- The Customized Training program provides educational offerings tailored to meet the needs of employees of local businesses.
- The Small Business Development Center offers guidance to prospective and current small business owners and managers.

As a comprehensive community college, DACC is dedicated to creating a supportive atmosphere conducive to student success, workforce readiness, and lifelong learning. The DACC faculty and staff are committed to making higher education accessible to all members of our community. Classes meet throughout the day, as well as online, and at campuses throughout the county. Our career programs provide opportunities for hands-on training in the laboratory and on-the-job training in the field. Support services such as skills assessments, financial aid, tutoring, and job searches and interview preparation also are available to students.

Please use this catalog to explore the educational opportunities afforded by DACC, and do take advantage of the college’s resources to enhance the quality of your life. I join our faculty and staff in wishing you success.

Margie C. Huerta, Ph.D.

Bienvenidos
El Colegio Comunitario Doña Ana se complace en abrir sus puertas a toda la comunidad. La misión de esta institución es ofrecer oportunidades educativas a todos los que deseen adelantar sus conocimientos.

Estamos trabajando para eliminar toda barrera en la educación. Aunque casi todos los cursos por crédito se dictan en inglés, se ofrecen cursos completamente gratuitos de inglés como segundo idioma por medio del programa de Educación Básica para Adultos. Si desea información sobre estos cursos, comuníquese al teléfono 527-7540*.

Cuando Ud. se sienta preparado para ingresar al colegio comunitario, tendrá la oportunidad para perfeccionar su inglés a través de cursos de inglés por crédito mientras estudie su carrera.

Si Ud. desea mayor información sobre el colegio, sírvase llamar al 527-7500*.

*Se habla español.

DACC ADVISORY BOARD

Chuck Davis
President

David Franzoy
Vice President

María Sáenz
Secretary

Craig Ford
Member

Connie Phillips, Ph.D.
Member

Not pictured: Paul Dulin, Member

Ex Officio Members: Annalisa Banegas-Peña, Ed.D., Superintendent, Hatch Valley Public Schools; Cynthia Nava, Superintendent, Gadsden Independent School District; Stan Rounds, Superintendent, Las Cruces Public Schools
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The Intent of this Catalog
This publication focuses primarily on academic matters. Candidates for degrees and certificates may elect to fulfill requirements as outlined in the catalog in effect at the date of initial enrollment (provided the catalog is not more than six years old) or any subsequent catalog in effect during their dates of registration at Doña Ana Community College. Readers should be aware of the following:

- The DACC Catalog is not a complete statement of all procedures, policies, rules, and regulations that might apply to a student in all circumstances. It may be necessary to consult other documents, such as the DACC Student Handbook, as well.
- DACC reserves the right to change at any time and without notice any item contained in this publication, including program offerings and content, course offerings and descriptions, procedures, policies, and regulations.

A Note About Occupational Education Courses
Students planning to pursue a bachelor's degree at New Mexico State University after completing their studies at DACC need to be aware that not all occupational-education courses taken at DACC can be used to satisfy degree requirements at NMSU. The number of DACC credits that may be counted toward a bachelor's degree depends on the major selected and any agreements providing for the acceptance of occupational-education courses.

Programs already having such agreements are called "articulated" programs, and are listed on page 29. It is best for students to consult advisors at both DACC and NMSU early in their associate degree program to insure that the maximum number of credits will apply toward the bachelor's degree program selected.

Nondiscrimination
It is the policy of Doña Ana Community College not to discriminate on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation, or veteran status in employment or other college-administered programs. This policy is in compliance with Title VII of the Civil Rights Act of 1964, Executive Order 11246 as amended by 11375 and section 504 of the Vocational Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and Title IX of the Educational Amendments of 1972 and subsequent revisions.

Disability Statement. Doña Ana Community College is strongly committed to providing education to all citizens of Doña Ana County. The college's faculty and staff are dedicated to the goal of providing equal access to individuals with disabilities and to the spirit of the Americans with Disabilities Act (ADA) of 1990. The ongoing effort to reduce and remove physical and attitudinal barriers is designed to assist individuals with disabilities to enjoy the college's facilities, programs, and services to the fullest extent. We are dedicated to developing an educational environment free of discrimination.

Policy of Nondiscrimination on the Basis of Disability. Doña Ana Community College does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its programs or activities.

The ADA coordinator for DACC, located in room DAMA 117-A (telephone, 527-7545), has been designated to oversee compliance with the nondiscrimination requirements contained in Section 35.107 of the Department of Justice Regulations. Information concerning the provisions of the Americans with Disabilities Act, and the rights provided thereunder, are available from the ADA coordinator.

Technical Standards for Admissions
Some programs may require technical standards for admissions and/or continued program participation. Technical standards may include possessing or acquiring skills or behaviors to complete performance-based tasks. Completion of these tasks may be required for program completion.

Learning Outcomes Assessment
As part of its continuing effort to maintain quality academic programs and to provide strong support services, all DACC programs have established student learning outcomes. DACC/NMSU routinely conducts learning outcomes assessment activities at the classroom, program, and college levels through activities such as general education assessment projects, exit exams, exit interviews, and standardized tests. Students may be required to participate in one or more of these activities. The data resulting from these assessments will be published only in aggregate form.

DACC Graduation and Retention Rates
Under the Student Right to Know and Campus Security Act of 1990, Public Law 101-542, DACC is required to calculate (using a prescribed formula) and disclose graduation rates for all first-time, full-time, degree-seeking students who enrolled at DACC in Summer and Fall 2007. This cohort consists of 701 students. The number of graduates who earned either a certificate or an associate degree by Spring 2010 was 93. The three-year, Student-Right-to-Know graduation rate was 13.3 percent.

Rates for previous cohorts after three years are as follows:
- 2007 cohort — 13.3%
- 2006 cohort — 8.4%
- 2005 cohort — 6.1%

The retention rate for first-time, full-time DACC admitted students from Fall 2009 to Spring 2010 was 83.7 percent. The retention rate for these students from Fall 2009 to Fall 2010 was 66.8 percent.

Student Special Care Policy
To ensure the safety and well-being of our students, DACC/NMSU may, on occasion, require that students receive a particular type of care or treatment (e.g., emergency medical attention, live-in attendants, or vaccinations) as a condition of continued enrollment or eligibility to reside in university-operated housing. When this care or treatment is required by the cognizant DACC/NMSU administrator, the student will be obligated to assume any financial responsibility associated with the treatment.

Furthermore, DACC/NMSU may, on occasion, contact a student's parents, legal guardian, or spouse in cases of extreme emergency, or where a possibility of imminent harm exists. Such action will be taken only when, in the judgment of the appropriate official, the best interests of the student and the institution will be served.

When practical, DACC/NMSU will notify the student in writing of the institution's intention to undertake the steps authorized by this policy. This decision may be appealed by the student to the DACC vice president for student services (VPSS) within 24 hours of notification. The appeal should be in writing and should state clearly the reason why the student objects to the proposed action. The VPSS will review the facts in the case and convey the decision to all parties within 48 hours. The VPSS's decision shall be final.

Tuition Differentials. DACC students enrolling in courses on any other NMSU campus pay the tuition rate in effect at that campus.
# 2011-2012 Academic Calendar

## Fall Semester 2011

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus housing opens</td>
<td>Aug. 18</td>
</tr>
<tr>
<td>Faculty report</td>
<td>Aug. 14</td>
</tr>
<tr>
<td>DACC Fall Convocation</td>
<td>Aug. 15</td>
</tr>
<tr>
<td>Instruction begins</td>
<td>Aug. 18</td>
</tr>
<tr>
<td>Late registration</td>
<td>Aug. 18</td>
</tr>
<tr>
<td>First deadline for filing certificate/degree application</td>
<td>Aug. 26</td>
</tr>
<tr>
<td>(last day to submit and avoid late fee)</td>
<td></td>
</tr>
<tr>
<td>Last day to register/add a class</td>
<td>Aug. 29</td>
</tr>
<tr>
<td>Labor Day holiday</td>
<td>Sept. 5</td>
</tr>
<tr>
<td>Last day to drop a course with “W”</td>
<td>Oct. 11</td>
</tr>
<tr>
<td>(except courses carrying designated dates)</td>
<td></td>
</tr>
<tr>
<td>Last day to withdraw from DACC/NMSU</td>
<td>Nov. 11</td>
</tr>
<tr>
<td>(except courses carrying designated dates)</td>
<td></td>
</tr>
<tr>
<td>Thanksgiving holiday for students</td>
<td>Nov. 21-25</td>
</tr>
<tr>
<td>EXAM WEEK</td>
<td>Dec. 3-9</td>
</tr>
<tr>
<td>Last day of classes</td>
<td>Dec. 9</td>
</tr>
<tr>
<td>Campus housing closes</td>
<td>Dec. 10</td>
</tr>
<tr>
<td>Final grades due</td>
<td>Dec. 13</td>
</tr>
</tbody>
</table>

## Spring Semester 2012

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty report</td>
<td>Jan. 12</td>
</tr>
<tr>
<td>DACC Spring Convocation</td>
<td>Jan. 12</td>
</tr>
<tr>
<td>Campus housing opens</td>
<td>Jan. 15</td>
</tr>
<tr>
<td>Martin Luther King holiday</td>
<td>Jan. 15</td>
</tr>
<tr>
<td>Program/registration for new students</td>
<td>Jan. 18</td>
</tr>
<tr>
<td>Instruction begins</td>
<td>Jan. 19</td>
</tr>
<tr>
<td>Late registration</td>
<td>Jan. 19</td>
</tr>
<tr>
<td>First deadline for filing certificate/degree application</td>
<td>Jan. 27</td>
</tr>
<tr>
<td>(last day to submit and avoid late fee)</td>
<td></td>
</tr>
<tr>
<td>Last day to register/add a class</td>
<td>Jan. 30</td>
</tr>
<tr>
<td>Last day to drop a course with “W”</td>
<td>March 12</td>
</tr>
<tr>
<td>(except courses carrying designated dates)</td>
<td></td>
</tr>
<tr>
<td>Spring Break</td>
<td>March 19-25</td>
</tr>
<tr>
<td>Spring holiday</td>
<td>April 6</td>
</tr>
</tbody>
</table>

## Spring Semester 2011, continued

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last day to withdraw from DACC/NMSU</td>
<td>April 20</td>
</tr>
<tr>
<td>(except courses carrying designated dates)</td>
<td></td>
</tr>
<tr>
<td>EXAM WEEK</td>
<td>May 05-11</td>
</tr>
<tr>
<td>Last day of classes</td>
<td>May 11</td>
</tr>
<tr>
<td>DACC Commencement</td>
<td>May 11</td>
</tr>
<tr>
<td>Campus housing closes</td>
<td>May 12</td>
</tr>
<tr>
<td>Final grades due</td>
<td>May 15</td>
</tr>
</tbody>
</table>

## Summer 2012

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty report</td>
<td>May 23</td>
</tr>
<tr>
<td>Campus housing opens</td>
<td>May 23</td>
</tr>
<tr>
<td>Instruction begins</td>
<td>May 24</td>
</tr>
<tr>
<td>Memorial Day holiday</td>
<td>May 28</td>
</tr>
<tr>
<td>Last day to register/add a class</td>
<td>May 31</td>
</tr>
<tr>
<td>Last day to drop a course with “W”</td>
<td>June 28</td>
</tr>
<tr>
<td>(except courses carrying designated dates)</td>
<td></td>
</tr>
<tr>
<td>Independence Day observance</td>
<td>July 04</td>
</tr>
<tr>
<td>First deadline for filing certificate/degree application</td>
<td>July 06</td>
</tr>
<tr>
<td>(last day to submit and avoid late fee)</td>
<td></td>
</tr>
<tr>
<td>Last day to withdraw from DACC/NMSU</td>
<td>July 20</td>
</tr>
<tr>
<td>(except courses carrying designated dates)</td>
<td></td>
</tr>
<tr>
<td>Last day of classes</td>
<td>Aug. 03</td>
</tr>
<tr>
<td>Campus housing closes</td>
<td>Aug. 04</td>
</tr>
<tr>
<td>Final grades due</td>
<td>Aug. 07</td>
</tr>
</tbody>
</table>

## Holidays for Administrative Offices

<table>
<thead>
<tr>
<th>Holiday</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor Day</td>
<td>Sept. 05, 2011</td>
</tr>
<tr>
<td>Thanksgiving</td>
<td>Nov. 24–25, 2011</td>
</tr>
<tr>
<td>Martin Luther King Day</td>
<td>Jan. 16, 2012</td>
</tr>
<tr>
<td>Spring holiday</td>
<td>Apr. 06, 2012</td>
</tr>
<tr>
<td>Memorial Day</td>
<td>May 28, 2012</td>
</tr>
<tr>
<td>Independence Day observance</td>
<td>July 4, 2012</td>
</tr>
</tbody>
</table>

**NOTE:** This calendar is subject to change.

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**Where to Obtain Additional Information**

Inquiries about DACC are welcomed in person, by telephone, or by mail. Please call or write the college for a free information packet.

**Physical Location:**
Doña Ana Community College
3400 South Espina Street
Las Cruces, New Mexico

**Postal Address:**
DACC—NMSU (MSC 3DA)
P.O. Box 30001
Las Cruces, NM 88003-8000

**Switchboard:** (575) 527-7500
**Toll free:** (800) 903-7503
**Web:** http://dacc.nmsu.edu/
**Fax:** (575) 527-7515

**Departments:**
- Academic Advising: 527-7272
- Admission to Career Programs: 527-7710
- Adult Basic Education: 527-7540
- Bookstore–DACC Central Campus: 527-7692
- Business and Information Systems Division: 527-7560
- Career Exploration: 527-7548
- Career Services/Job Squad: 527-7538
- Cashiers: 527-7516
- **Central Campus Security:** 202-8962
- Community Education Programs: 527-7637
- Counseling Services: 527-7548

**Customized Training Program:** 527-7509
**Dual Credit Programs:** 528-7256
**East Mesa Campus:** 528-7250
**East Mesa Campus Security:** 202-9781
**Financial Aid:** 527-7696
**Gadsden Campus Security:** 528-7029
**Gadsden Campus:** 882-3939
**General Studies Division:** 527-7610
**Health and Public Services Division:** 527-7630
**Literacy Volunteers—Learn to Read:** 527-7641
**Library—Las Cruces Central Campus:** 527-7555
**Library—Las Cruces East Mesa Campus:** 527-7260
**Services for Students with Disabilities:** 527-7548
**Student Services:** 527-7530
**Student Success Center/Tutorial Services:** 527-7646
**Sunland Park Campus:** 874-7780
**Sunland Park Campus Security:** 915-5728
**Technical and Industrial Studies Division:** 527-7590
**Veterans Services:** 528-7081
**White Sands Center:** 678-6198
**Workforce Center Security:** 915-6194
**Workforce Center:** 527-7776

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2011-2012 CATALOG
History and Organization
In 1965, Doña Ana County was designated by the New Mexico Department of Education as an appropriate site in southern New Mexico for an area vocational-technical school. In 1971, the boards of education of the Gadsden, Hatch, and Las Cruces school districts requested that New Mexico State University establish a branch community college located on its campus in Las Cruces to offer postsecondary vocational-technical education in Doña Ana County. The NMSU Board of Regents approved the request in 1972, and the voters in Doña Ana County approved an operational mill levy in May 1973. The institution became an official entity on July 1, 1973. It began offering vocational training programs on September 4, 1973, as the Doña Ana County Occupational Education Branch of New Mexico State University.

College Mission, Vision, and Values
MISSION STATEMENT. DACC is a responsive and accessible learning-centered community college that provides educational opportunities to a diverse community of learners in support of workforce and economic development.

VISION STATEMENT. DACC will be a premier learning college that is grounded in academic excellence and committed to fostering lifelong learning and active, responsible citizenship within the community.

VALUES STATEMENT. As a learning-centered community college, DACC is committed to the following core values:

Education that—
• offers lifelong learning opportunities
• fosters dynamic learning environments designed to meet the needs of our students
• guarantees equality of rights and access
• ensures integrity and honesty in the learning process
• provides comprehensive assessment of learning

Students who will be—
• respected for their diversity
• provided with a safe and supportive learning environment
• challenged to become critical and independent thinkers
• expected to take an active role in their learning process

Employees who—
• practice tolerance and inclusiveness in decision-making and shared governance
• encourage and support professional growth
• demonstrate high ethics and integrity
• encourage collaborative interaction among faculty and staff
• practice responsible fiscal management and personal accountability
• ensure equal opportunities for a diverse faculty and staff

Communities that—
• build partnerships, including educational alliances
• strengthen industry partnerships to provide workforce development services and programs in support of economic development
• develop and adapt instructional programs in response to changing educational needs

Governance and Funding
DACC is a community college campus of New Mexico State University. As such, it is governed by the Board of Regents of the university through an operating agreement between the university and the three school districts in Doña Ana County. Operating expenses for the community college are paid from state-appropriated funds, a property tax within the three school districts in the county, federal career-technical education funds, special grants, and tuition paid by students.

Educational Facilities
The Central Campus of Doña Ana Community College is located on 15 acres adjacent to New Mexico State University in Las Cruces, New Mexico. DACC also operates other campuses and centers in the region. See the section titled “Additional Locations” in this Catalog.

Online Study
Many courses and, in some cases, entire programs may be completed without ever attending classes at a physical campus. The following DACC programs may currently be completed entirely online: Associate of Arts, Associate in General Studies, Criminal Justice, Library Science, Pre-Business, and Public Health. To see what classes are being offered online during a given semester, consult the Schedule of Classes.

Accreditation
Doña Ana Community College is accredited independently of New Mexico State University by the Higher Learning Commission of the North Central Association of Colleges and Schools.

The following are accrediting agencies for specific DACC programs:

• Accreditation Council for Business Schools and Programs
• American Welding Society
• Commission on Accreditation of Allied Health Education Programs
• Commission on Dental Accreditation
• Commission on Accreditation for Respiratory Care
• International Fire Service Accreditation of Congress
• Joint Review Committee on Education in Diagnostic Medical Sonography
• Joint Review Committee on Education in Radiologic Technology
• Committee on Accreditation of Educational Programs for the Emergency Medical Services Profession
• National Automotive Technicians Education Foundation (NATEF)
• National League for Nursing Accrediting Commission
• New Mexico Board of Nursing

Program Certification
The Drafting and Design Technologies program is certified by the American Drafting Design Association.

Admissions
Doña Ana Community College provides educational opportunities for those who seek to advance in the workforce or to prepare for further study at a higher level. The community college endorses the open-door admission concept and will admit—to the limit of its
Assessment and COMPASS Placement

Unless applicants have taken the ACT or SAT within the last year, they will be required to take the COMPASS assessment, which covers basic academic skills. Transfer students who have taken math and English courses at another institution may be exempted from taking the COMPASS.

Academic assessment and placement improves one’s chances for success in college courses. The COMPASS is not used to select students; rather, it ensures students will be placed in classes best suited to their preparation and ability. These may include credit ESL courses, if English is not their first language. If deficiencies in basic academic skills are indicated, an individualized educational plan can be developed by an advisor to help the student acquire these skills.

There is no charge for the COMPASS assessment, except under the following circumstances: 1) when a student chooses to re-take the COMPASS, and 2) when a student takes the COMPASS at DACC for the purpose of conveying the results to an entity outside of the NMSU system. For more information call (575) 527-7569.

Orientation

After completing a COMPASS or ACT assessment, new students must schedule an appointment for a New Student Orientation. The orientation is conducted one-on-one with an academic advisor and is an excellent opportunity to ask questions. Students learn about the steps to getting started in college, the majors and career programs offered at DACC, the principles of effective academic planning, and the many services and resources designed to enhance educational success. Appointments for orientations can be made in person in room DAMA-116 on the Central Campus or by calling (575) 528-7272.

How to Apply

Prospective students should follow these procedures when applying for admission to any program at the community college:

1. Complete the application for admission found in the back of this catalog or in any class schedule, or complete the online application at http://dacc.nmsu.edu/admissions/.
2. Submit the application with a $20 nonrefundable application fee (do not mail cash) to: Admissions Office, Doña Ana Community College, MSC-3DA, P.O. Box 30001, Las Cruces, NM 88003-8001.
3. Request official high school and/or college transcripts. Transcript request forms may be obtained at the DACC Admissions Office, room DAMA-116. First-time college students should have their official high school transcript sent directly from the high school to the DACC Admissions Office. Transfer students must have official transcripts sent directly to the DACC Admissions Office by the Registrar of each college or educational institution previously attended (see “How Transfer Students Are Admitted.”) Hand-carried transcripts are not accepted.
4. Applicants possessing a high school equivalency must request to have official GED test scores sent directly to the DACC Admissions Office from the institution where the GED was obtained.
5. Make arrangements to take the COMPASS assessment with the testing coordinator at 527-7569, who can provide information regarding dates, times, and location. There is no cost for the assessment.

How GED Graduates Are Admitted

A student who has successfully completed the GED is eligible to apply for admission to DACC. The student must request an official transcript of the GED scores from the institution where the GED was obtained and follow the regular admissions procedure.

How Home-School Students Are Admitted

Students enrolled in a home-school program may be accepted to Doña Ana Community College if they meet the requirements for regular admission. In addition, the home-school educator must submit a transcript or document that lists the courses completed and grades earned by the student and also indicates the date the student completed or graduated from the home-school program. Eligibility for the Lottery Success Scholarship also requires successful completion of New Mexico GED testing.

How Transfer Students Are Admitted

Transfer students from other colleges or universities may be accepted if their cumulative GPA is at least 2.0 and they are eligible to return to the college or university they last attended. Those who have fewer than 30 credits must meet first-time freshman admission requirements. Transfer students follow the same procedures as those outlined under “How to Apply.” Official transcripts from all colleges and/or universities previously attended must be sent directly to the DACC Admissions Office by the registrar of each college or educational institution. An academic credit evaluation then will be mailed to the student from DACC Student Services.

A student who conceals the fact that he/she has attended another college or university and who has not had transcripts submitted by each institution previously attended—whether or not credit was earned—will be subject to immediate suspension.

Students submitting transcripts from a foreign, post-secondary institution are required to have the credentials evaluated by a nationally recognized credentialing service. DACC requires a comprehensive, course-by-course evaluation to be completed for each post-secondary institution attended. Contact the DACC Admissions Office at (575) 527-7710 for approved credentialing organizations.

International Students

An international student is any individual attending DACC while present in the United States on a non-immigrant student visa. In addition to the general policies of DACC/NMSU that apply to all students, some special policies applicable only to international students are necessitated by federal laws. DACC refers all prospective international students to the NMSU International Student Services (ISS) Office for further information and to begin the application process. The ISS Office, located in the Educational Services Building on the NMSU Las Cruces (Main) campus, can be reached by calling (575) 646-2736.

Non-degree Admission

IMPORTANT: Non-degree status makes a student ineligible for financial aid, student employment, veterans benefits, and participation in intercollegiate athletics and student government. Furthermore, courses taken while enrolled in non-degree status may not be used to meet NMSU admission requirements.

Non-degree admission is designed to meet the needs of mature, part-time students who do not wish to pursue a degree at this community college.

Transcripts from previous institutions (including high school) and/or results of college entrance exams may be required to assure readiness for university-level courses.
Non-degree students are subject to the same regulations as regular students. They may not transfer more than 30 credits that were taken while in this status to any degree program. Admission requirements include a non-degree application and a nonrefundable $20 application fee.

Changing from Non-degree to Degree-Seeking Status
A non-degree student in good academic standing may apply for a change of status from non-degree status to regular (degree-seeking) status. Requirements for regular admission must be met, including submitting official high school transcripts as well as official college transcripts from all previously attended institutions of higher education. The status will be effective on or before the census date of the semester in which all official transcripts are received. If all official transcripts are received after the census date of the current semester, the change of status will take effect in the next immediate term.

Dual Credit Program
The Dual Credit Program (DCP) is designed to give high school juniors and seniors an opportunity to attend Doña Ana Community College classes prior to high school graduation. Qualified students who are enrolled in a school district that has a Dual Credit Master Agreement with DACC may take college-level, career-technical courses that will simultaneously count toward high school graduation and toward a certificate or associate degree at DACC. To complete a certificate or associate degree from DACC, they will have to attend additional semesters or sessions following high school graduation and pay DACC tuition and fees. While DCP participants do not pay tuition or text books, they do pay for their own supplies, protective apparel, and tool sets, when needed. They also may be responsible for certain course fees and other fees where applicable.

Students should apply for DCP opportunities with their high school counselor. To be considered, they must meet the criteria agreed upon by their school district and DACC. For further information, contact the appropriate high school counselor or the DACC Dual Credit Office at 528-7256.

High school students not enrolled in a school district that has a Dual Credit Master Agreement with DACC may be eligible for enrollment as an Early Admission student. Early Admission students are responsible for all costs related to enrollment.

NOTE: Not all DACC courses taken through the DCP are transferrable to other colleges and universities.

Early Admission for High School and Adult Basic Education Students
It is possible for a current junior or senior high school student to be admitted to DACC, provided the following criteria have been met:

1. Written permission has been obtained from the high school principal/counselor and the parents.
2. The student's cumulative grade-point average is at least 3.0.
3. The student has passed two out of three sections of the COMPASS assessment or has taken the ACT/SAT assessment.

For more information about the COMPASS assessment, please refer to the Admissions section of this catalog. High school students must provide the following documents: written permission from the high school counselor or principal/counselor, written permission from parents, an official high school transcript sent directly to DACC, and a complete DACC/NMSU admissions application.

Students currently enrolled in an Adult Basic Education (ABE) Program at DACC may also apply for early admission. Current ABE students applying for early admission must provide TABE scores of 580 or above on every section (reading, writing, math), written permission from the ABE division dean or assistant division dean, pass two out of three sections of the COMPASS assessment, and submit a complete DACC/NMSU application for admission.

Under the Early Admissions Program, all students are admitted in a non-degree status. For more information regarding non-degree status, please refer to the section titled, “Non-degree Admission.” Non-degree students are ineligible to receive federal financial aid funds. Students admitted under this program are also limited to seven (7) credit hours per semester and incur all costs associated with enrollment, including books.

Developmental courses are not available for enrollment under the Early Admissions Program.

Early admissions students who wish to enroll at DACC or NMSU upon graduation from high school or obtaining a GED must reapply under their new status as a first-time freshman.

How to Be Readmitted to DACC
Former DACC students who will have been out of school for a more than 12 months before re-entering are required to complete an application for readmission. Applications should be submitted 30 days before the beginning of the semester or summer session for which the student plans to enroll.

A student who has attended other institutions during an absence from DACC/NMSU must have official transcripts forwarded directly to the DACC Admissions Office by the registrar of each institution and must be eligible to return to the college or university last attended. Transcripts must be received prior to the date of registration. Admission status at the time of readmission will normally be determined by previous DACC academic standing. However, academic performance at other institutions attended during the applicant's absence from DACC may be taken into consideration in determining the student's academic admission status.

Special Admissions Requirements
There are nine programs at DACC that have special admissions requirements:

- Apprenticeship (Electrical, Machinist)
- Dental Assistant
- Dental Hygiene
- Diagnostic Medical Sonography
- Dual Credit (current enrollment)
- Emergency Medical Services–Paramedic
- Nursing (associate degree program)
- Radiologic Technology
- Respiratory Therapy

In addition to fulfilling the general requirements for admission to the community college, individuals seeking admission to these programs must also fulfill certain special admissions requirements. Since these programs generally have limited enrollment, completion of the admissions requirements for a specific program does not guarantee acceptance into the program. Acceptance may be competitive, based on individual academic performance in previous coursework and other criteria. Specific information regarding the application procedure may be obtained from the department.

Students must reapply to special admissions programs each time they wish to be considered for acceptance. For example, a student who has fulfilled all the special admissions requirements, yet was not admitted because of space limitations, will not automatically be
considered for a subsequent semester; (s)he must reapply. Similarly, one who may have been accepted during a particular semester, but failed to accept an offer to enroll, must also reapply in order to be considered again.

Standards for Program Participation
Some programs may require technical standards for admissions and/or continued program participation. Technical standards may include possessing or acquiring skills or behaviors to complete performance-based tasks. Completion of these tasks may be required for program completion. See individual program descriptions for further information.

Security Background Checks. Certain programs of study require that students complete and pass a security background check in order to participate. Past criminal violations may prevent a student from completing his/her degree and from being hired after graduating. Those programs requiring a security background check disclose this fact in their program description sections of the catalog.

The University Transition Program
Students who have applied for admission to NMSU, but do not qualify for regular admission to the university, may enroll in the University Transition Program at DACC. The course of study is individualized for each student and will provide a good foundation for university-level work.

CATEGORY 1: STUDENTS WHO LACK REQUIRED HIGH SCHOOL COURSES. NMSU applicants whose high school transcripts indicate that they do not have the minimum required units of high school academic courses will be enrolled in the University Transition Program if they do not qualify for NMSU provisional admission. These minimums are as follows:

1. English—4 units (must include at least two units of composition, one of which must be a junior- or senior-level course)
2. Mathematics—3 units (from algebra I, algebra II, geometry, trigonometry, or advanced math)
3. Science—2 units beyond general science
4. Foreign languages or fine arts—1 unit

Those who complete these units in the summer session at DACC may be admitted as New Mexico State University–Las Cruces students in the fall semester. However, if they opt to take the courses needed for NMSU admission during the fall or spring semester at DACC, they will not attain the status of a regular NMSU student until all deficiencies have been made up. The course of study can be individualized for each student in consultation with a DACC academic advisor.

CATEGORY 2: STUDENTS WHO NEED TO STRENGTHEN ACADEMIC SKILLS. NMSU applicants whose ACT composite score or high school grade average is below that required for NMSU regular or provisional admission will be enrolled in the University Transition Program. Completion of 24 credits of coursework at DACC with a grade-point average of 2.0 or higher is needed to become a student at the NMSU Las Cruces campus. A course of study will be individualized for each student that usually includes study skills courses, Developmental Studies courses, and/or general education courses.

Academic Advising and Registration Procedures
Doña Ana Community College offers a dynamic academic advising program to meet the needs of its student population. Academic advising at DACC is an ongoing, shared partnership between a student and an advisor that focuses on enabling the student to identify, plan and achieve academic goals aligned with his or her career and life aspirations.

Academic advising at DACC is part of the educational process that aims to assist students to become active and effective agents of their own learning.

In the academic advising process, students and advisors work together to—

• Develop an awareness of values, interests, abilities, skills and potential
• Identify academic and career goals and options
• Choose an academic program
• Strategically plan out steps toward graduation, or the completion of an academic goal
• Identify effective academic study skills and habits
• Learn how to solve problems that impede progress toward an academic goal
• Identify appropriate campus resources
• Learn how to use the my.NMSU.edu account and the STAR Degree Audit
• Select courses
• Register for classes

Targeted student-learning outcomes underlying the DACC academic advising process include critical thought, self appraisal, decision making, healthy independence, responsibility, and respect. These outcomes are the ideal product of quality academic advising.

Structure of DACC Academic Advising
Students declared into a specific academic program are advised by a DACC faculty advisor in that academic program and/or a professional advisor in that program’s academic division. Students may visit or call the Academic Advising Center, DAMA-116, 528-7272 for more details.

Students who are not declared into a specific major, or who are in transition between programs, are advised through the Academic Advising Center, which serves as a central resource for the following categories of students:

• Transitional students, including those in the University Transition Program (UTP) and other unclassified students who choose DACC as a place to begin their college career.
• First-year pre-health students who are completing prerequisites to a competitive admission program (Dental Assistant, Dental Hygiene, Diagnostic Medical Sonography, Nursing, Radiologic Technology, and Respiratory Therapy).
• Degree-seeking students pursuing the Associate Degree in General Studies
• Undecided students
• Non-degree-seeking students

When to Seek Academic Advising
NEW STUDENTS will meet with an academic advisor and register for classes as part of their DACC new student orientation.

TRANSFER AND READMITTED STUDENTS should make an appointment to see an academic advisor once their DACC admission is complete.

CONTINUING STUDENTS should plan ahead and meet with their academic advisor every semester, well in advance of continuing-student registration.

Registering for Classes
After academic advising is completed, students have the option to register for classes either online or in person.

REGISTERING ONLINE. After being admitted and receiving academic advising, eligible students may register for classes on the Web at my.NMSU.edu. For additional information, refer to the current Schedule of Classes.
Upon completing online registration, a copy of the registration document may be obtained at the DACC Registration counter on the Central Campus (room DAMA-115), at any other DACC location, or at the NMSU Registrar’s Office.

REGISTERING IN PERSON. Students must obtain a course-request card from their academic advisor, complete the card and have the advisor sign it, and then submit the card to the DACC Registration Office (DAMA-115). Once registered, students should obtain their registration document from the Registration Office. The registration document includes a student’s official class schedule, along with related financial information.

The Web registration system will not accept requests for the S/U grading option unless the course is offered exclusively on an S/U basis. Likewise, the system will not accept requests for the “audit” grading option. To request S/U or audit grading for courses, see your academic advisor.

Students need to use their NMSU user ID and password to access Web registration through the my.NMSU.edu website. In the event that a student forgets his/her password, the system will allow the student to reset it online, provided s/he answers a security question correctly. If such attempts fail, the student must consult with the ICT help desk in room 140 of the NMSU Computer Center (646-1840).

Terms and Conditions of Course Registration

Regardless of the starting date of a class, students must complete registration for all classes by the last day of registration. Once a student has registered for classes, the registration process is considered complete, whether or not proper financial arrangements have been made. Therefore, students who subsequently decide not to attend, but have not officially withdrawn from DACC/NMSU, will earn failing grades and incur financial liability.

When students have a previous balance, their classes for the current term may be canceled if they have not made the appropriate arrangements to pay the debt owed. See the Schedule of Classes for payment deadlines.

Academic Sanctions

Students placed on academic warning, probation, or suspension during the end-of-term grading process will be mailed a notification. Students placed on suspension will have any courses in which they may be registered for future semesters canceled, and applicable refunds will be made by the Business Office.

Changes in Registration: Adding and Dropping Courses

Registration changes may be processed only in accordance with university regulations and with appropriate signatures. If a student decides to stop attending a course, it is the responsibility of the student to initiate official withdrawal from the course and to obtain all necessary signatures on the add/drop form. Failure to do so could result in failing grades.

Forms may be obtained from the student’s academic advisor or the Registration Office. Completed forms must be processed by the staff in the Registration Office. Courses may not be added or dropped after the cutoff date indicated in the official academic calendar. Refunds of tuition and fees will be made according to the percentages listed in the current Schedule of Classes.

ADDING A COURSE. The deadline for adding courses during a given term is listed in the corresponding Schedule of Classes.

Students desiring to add a course to their current registration schedule should do so in consultation with their academic advisor. If the desired course is still open, the student may add it online through his/her my.nmsu.edu account. If the course is closed, the student will need the instructor’s permission and signature on an add/drop form.

Once the add/drop form has been completed and all necessary signatures have been obtained, the student takes the completed form to the Registration Office for processing. The Registration Office will provide the student with a revised registration schedule, which the student should review immediately to ensure there are no inaccuracies. Any errors found in the class codes, class title, room/building numbers or credits should be reported immediately.

DROPPING A COURSE. The process for dropping a course is similar to the process for adding a course. The student must consult with the academic advisor and drop the course by the deadline either online through his/her my.nmsu.edu account, or with an add/drop form that has all required signatures.

When a student officially drops a course, the W grade is assigned as follows:

1. No grade is assigned during the registration period.
2. A W grade is assigned to any student who officially drops a course between the end of registration and the midpoint of the semester. A student may not withdraw from courses after this deadline, unless the student officially withdraws entirely from DACC/NMSU.
3. Officially withdrawing completely from DACC/NMSU is equivalent to dropping all classes, and therefore a grade of W will be recorded for all classes attempted. The deadline for withdrawing completely is listed in the current Schedule of Classes.

NOTE: A student found to be insufficiently prepared for a particular course may be transferred to a more elementary course in the same field anytime before the last day to officially withdraw from an individual course. Anyone attending the Veterans Educational Assistance Program should notify the Veterans Office in DAEM-208B when dropping or adding courses, as such changes could cause a reduction in the benefits received.

Full Withdrawal from DACC/NMSU

Withdrawal from any NMSU campus is an official procedure that must be approved as indicated on the withdrawal form. All such withdrawals will be noted on the student’s transcript. It is the student’s responsibility to initiate a full withdrawal from the university and to obtain the necessary signatures. Students who leave without following the official procedure are graded appropriately by the instructor. DACC students enrolled at any NMSU campus may process their withdrawal either at the Registration Office on one of the DACC campuses or at the NMSU Registrar’s Office, located in the Educational Services Building on the Las Cruces Campus.

Applicable dates are published in the official academic calendar for all regular sessions.

Medical Withdrawal

A medical withdrawal applies to a student who becomes seriously ill, injured, or hospitalized and is therefore unable to complete an academic term for which they are enrolled. Students should contact their academic advisor to initiate the medical withdrawal process.

Administrative Withdrawal

In the event that a student has stopped attending class without formally withdrawing, the instructor reserves the right to remove the student from the class by means of an administrative withdrawal.

Military Withdrawal

The following steps must be taken by all DACC/NMSU students called up for active duty who wish to withdraw from all their classes:
a) **VETERANS’ PROGRAMS.** VA students ordered to Active Duty must provide a copy of their orders to the NMSU Veterans’ Program Office, Jacobs Hall, Room 214. To assist in reporting accurate information to the VA Regional Office, students should also provide documentation stating the last day of class attendance.

b) **OFFICE OF THE REGISTRAR.** All students presenting their orders to the Office of the Registrar (646-3411), will receive a military withdrawal from classes and a full refund of tuition and fees for that semester.

c) **BOOKSTORE.** Students who still have their receipts for textbooks purchased the semester in which they are called to active duty will be given a full refund for these textbook purchases when they present their orders. (Bookstore: 646-4431).

**Tuition and Fees**

The prices, rates, and fees that appear in this catalog for the 2011-2012 academic year were accurate at the time of publication. All dollar amounts are subject to change at any time and without notice.

**Application Fee**

A one-time $20 application fee and a completed application must be submitted to DACC. The fee, which is not refundable, is required of students who have not previously enrolled at New Mexico State University or one of its community colleges.

**Tuition and Mandatory Fees**

Tuition rates, including mandatory fees, at DACC for academic year 2011-2012 are as follows: $62 per credit, or $744 per semester, for in-district students (residents of Doña Ana County); $74 per credit, or $888 per semester, for out-of-district students (residents of other counties within New Mexico); and $194 per credit, or $2,328 per semester, for nonresident (out-of-state and international) students. However, when nonresidents enroll in a summer session, or when they enroll in six credits or fewer during a regular term, they pay the in-state (but out-of-district) rate.

At NMSU, tuition with mandatory fees for academic year 2011-2012 is as follows: $242.80 per credit, or $2,913.60 per semester, for residents; and $761.20 per credit, or $9,134.40 per semester, for nonresidents (out-of-state and international students). However, when nonresidents enroll in six credits or fewer during a given term, they pay the in-state rate. Nonresidents also pay the in-state rate for each credit taken in excess of 18 per term.

International students pay the same tuition and mandatory fees that nonresidents pay.

Per-semester costs for tuition and mandatory fees are calculated by multiplying the number of credits by the appropriate per-credit rate. Students taking between 12 and 18 credits are charged for only 12, provided that all credits are taken exclusively at DACC. Then, beginning with the 19th credit hour, the per-credit charge is again imposed. DACC and NMSU tuition and mandatory fees are calculated independently of each other.

**Resident, Nonresident Status**

Resident or nonresident status shall be determined according to the uniform definition set forth by the New Mexico Higher Education Department. The NMSU Registrar’s Office administers residency. Out-of-district information is available in room DAMA-116, DACC Office of Admissions. Additional information is available at the NMSU Registrar’s Office.

Members of the Armed Forces, as well as their spouses and minor children, who are not otherwise entitled to claim residency are eligible for tuition payment at the resident student rates upon presenta-

tion of certification from their commanding officer of assignment to active duty within New Mexico. Certification is required at the time of initial registration.

All enrolled members of the Navajo Tribe who reside on the Navajo Reservation, as certified by the Navajo Department of Higher Education, will be assessed in-state, out-of-district tuition rates at all times.

**Other Fees—Resident and Nonresident**

| Graduation Fee: Associate Degree | $25 |
| Graduation Fee: Certificate Programs | $10 |
| International Student Admission Fee | $50 |

**Payment of Charges**

Payment of charges can be completed at the DACC Cashiers Office (room DAMA-118) or the NMSU Business Office by paying in full, arranging a deferred payment plan, processing a Financial Aid Deferment, or providing proof of a third-party payment agreement. A student will be disenrolled from reserved courses if payment arrangements are not made by the deadlines shown in the current class schedule. Late registration fees will be assessed if payment is not made by the date(s) indicated. (See “Penalties,” further on in this section.)

Payments can be made by mail, web, telephone, or in person at the Business Office. Cash, checks, money orders and limited types of credit cards are accepted.

Students opting for the deferred payment plan make four equal monthly installments during the semester and also pay a monthly carrying charge of $5.00. Any financial aid received must be paid toward balances owed. Additional penalty charges may be assessed for failure to make payments when due. DACC/NMSU reserves the right to deny the deferred payment plan to any student who has a poor credit rating or who has been negligent in making payments to the institution for previous debts.

DACC/NMSU reserves the right to cancel the registration of any student who fails to pay, when due, any indebtedness to the institution. Academic credits, transcripts, and diplomas will be withheld until all financial obligations are paid.

**NOTE:** Charges for short courses carrying credit are in addition to those for regular courses. (For additional information on short courses, see the “Academic Regulations” section.) Workshops, institutes, and noncredit courses are treated as completely separate sessions. Check the Community Education program announcements for the specific noncredit course fees and registration instructions.

**Late Registration and Late Payment Penalties**

A late registration or late payment penalty of $25 for all students for the first day and $5 each additional day will be assessed if registration and payment or arrangements for payment have not been completed by the deadline as shown on the official DACC calendar. Failure to make payment arrangements at the time of registration will result in disenrollment and/or additional liability.

**Dishonored Checks/Credit Cards**

DACC/NMSU charges a penalty on all dishonored cash instruments. Personal checks will not be accepted from students who have had a previously dishonored check.

**Tuition Adjustments, Refunds, and Forfeitures**

Any student officially dropping or withdrawing from a course or courses during a semester or summer session may receive tuition and fee adjustments as outlined in the current class schedule. No tuition adjustments will be made on classes of less than five weeks’ duration. Non-attendance does not constitute an official course
drop or withdrawal. All charges due to the DACC/NMSU must be paid before refunds will be permitted.

In cases of academic or disciplinary suspension, eligibility for tuition adjustments will depend on the conditions of the suspension and will be entirely at the option of the institution. Should unforeseen circumstances beyond the reasonable control of Doña Ana Community College or New Mexico State University result in curtailting classes, closing residence facilities, or otherwise withdrawing services that are a normal function of the institution, refunds of any nature will be at the discretion of the college/university administration.

Residence hall rentals and dining hall charges may be refunded in accordance with schedules adopted by these departments.

Health and Activity Fee

DACC students may, at their option, pay a health/activity fee that gives them access to the swimming pools, athletic events, dances, concerts, plays, intramurals, films, and services at the Health Center (see section titled, “Student Services on the NMSU Campus”). The fee depends on the ratio of DACC and NMSU credits a student carries.

Student Health Insurance

All students may purchase a supplemental health insurance policy to supplement the Student Health Center service, if they have already paid the health fee. Students may purchase dependent coverage under this commercial insurance company policy; however, dependents of students are not eligible to use the Student Health Center. This insurance must be purchased by the last date set for late registration at the DACC Cashiers Office, room DAMA-118, or at the NMSU Business Office.

Additional, Program-Related Fees

COURSE AND LAB FEES. Certain courses/labs require an additional fee, which is subject to change. At the time this publication went to press, the fees for the following courses were as follows:

- DAS 115 175
- DHYG 122, 132, 212, 222  $400
- DMS 120, 122, 124, 126  150
- NA 104 (Certified Nursing Assistant lab fee)  150
- NURS 136, 147, 226, 236  250
- RESP 124, 224, 234, 244  120

TOOLBOXES, TOOL KITS, AND PERSONAL MATERIALS. Students enrolled in the Automotive, Dental, Welding, and Heating, Air Conditioning, and Refrigeration programs will be issued tools during the first week of classes. One-third of the total cost of the toolboxes or tool kits must be paid at the time the tools are issued. The remaining toolbox/kit balance must be paid before the end of the second semester. Failure to pay the balance will result in exclusion from registration for the third semester. Down payment and subsequent payments for toolboxes/kits must be made at the DACC Cashiers Office, room DAMA-118. The student is responsible for full payment regardless of withdrawal from the community college. Return of toolboxes/kits will not constitute payment, as used tools cannot be reissued.

Students in the Building Construction Technology Program will need to purchase steel-toed boots (approx. $75) and a set of hand tools (approx. $75).

Housing

Housing is available to community college students on the same basis as it is for other New Mexico State University students. Rates and other information may be obtained by contacting Housing and Dining Services located in the Educational Services Building at New Mexico State University (telephone, 646-3202; mailing address, Housing and Dining Services, New Mexico State University, MSC-38B, P.O. Box 30001, Las Cruces, New Mexico 88003-8001; Web address, http://nmsu.edu/~housing/).

Food Services

New Mexico State University, located adjacent to the Las Cruces Campus of DACC, offers a number of meal plans and has a wide selection of eateries. More information can be found in the NMSU Catalog and on the Web at http://nmsu.edu/Campus_Life/auxserv/public_html/dining/. If you have specific questions, call 646-4801. The DACC Snack Bar operates stores on the Las Cruces Central and East Mesa campuses.

Financial Aid

As an open-door institution, DACC is committed to providing equal educational opportunities to students regardless of personal, economic, or social conditions. This commitment means helping students overcome financial barriers in getting the education they seek. Each year, DACC provides aid to many students who would otherwise be unable to attend the college because of lack of funds.

The college, in conjunction with the NMSU Financial Aid Office, offers an extensive array of grants, scholarships, and loans. Grants are awarded on the basis of financial need only, while scholarships may be awarded according to academic ability, as well as financial need.

Applicants desiring financial assistance should apply first for federal or state aid programs. Applications for state and federal aid are evaluated by the Financial Aid Office on the basis of published policies and procedures. Applicants are encouraged to apply by submitting a Free Application for Federal Student Aid (FAFSA) by March 1 of each year in order to allow sufficient time for aid to be awarded for the fall semester. All students must maintain satisfactory academic progress to continue receiving aid.

Eligibility

Eligibility for most financial aid is based on an analysis of the parents’ and/or student’s ability to pay the cost of a school year. Ability to pay is determined through the application process.

Most financial aid programs have the following eligibility requirements:

- Only those who are U.S. citizens, or are eligible noncitizens with a valid Social Security number will be considered.
- Applicants must have a high school diploma or a GED, or must have passed an independently administered test approved by the U.S. Department of Education (Ability-to-Benefit).
- Applicants should be enrolled at least half time (six hours) and be seeing a certificate or a degree for most federal aid programs and scholarships. Students enrolled less than half time must visit with Financial Aid staff.
- Applicants must be in good academic standing and maintain satisfactory academic progress.
- Applicants who are required to register with Selective Service must indicate that they have done so.
- Applicants must verify that they do not owe a refund on a federal grant and that they are not in default on a federal student loan.
- Need must be clearly established for need-based financial assistance.
No applicants will be denied financial assistance on the basis of age, color, disability, gender, national origin, race, religion, or sexual orientation.

SATISFACTORY ACADEMIC PROGRESS POLICY. Students receiving financial aid are expected to achieve a degree within a reasonable length of time. Eligibility for financial aid may be terminated if satisfactory academic progress is not demonstrated. Action by the student will be required for financial aid to be reconsidered. Most undergraduate students seeking their first associate degree have a maximum of 99 credits to receive their degree.

Note: All credits are included in the limits, even if financial aid was not received while taking those credits. This would include all credits attempted at other schools. A student who has fewer than the maximum credits allowed when the term begins will be certified for aid for the term.

SEMESTER REVIEW—MINIMUM EXPECTATIONS FOR RETAINING FINANCIAL AID. Most undergraduate students receiving financial aid must maintain a minimum cumulative GPA of 2.0 to remain in good standing.

CREDIT HOURS PROGRESSION. Credit hour progression will require a student to complete a minimum of 66.6 percent of all attempted hours with passing grades. Summer hours and transfer hours will also be included in this calculation. Only courses receiving grades of A, B, C, D, and S will count as completed courses. Courses with all other grades, including I (incomplete), RR, W, U, and F, will not count toward progress (and may or may not be funded by financial aid).

RETAINING ELIGIBILITY FOR FINANCIAL AID. All Students must continue to meet the requirements for eligibility that were necessary for them to receive an offer of assistance. This includes being admitted and completing courses in a degree program. Students cannot owe any refunds or be in default on previously received financial aid. All other criteria as defined by the rules and regulations of the institution, New Mexico State University—Doña Ana Community College, and the federal government must be met.

Application Procedure
DACC uses the Free Application for Federal Student Aid. Contact the Financial Aid Office, room DAMA-115, for assistance in completing this form. The FAFSA can be completed online at www.fafsa.gov. Applications should be submitted by March 1.

Sources of Financial Aid

GRANTS. The foundation for financial aid is the Federal Pell Grant, available to undergraduate students with documented financial need. The student may be eligible to receive other types of aid, including a Federal Supplemental Educational Opportunity Grant or Leveraging Education Assistance Partnership Program (LEAP) Grant. These grants are awarded to undergraduate students who show exceptional financial need. Typically, all three types of grants do not have to be repaid.

LOANS. Loans are available to students with or without financial need. Federal Perkins Loans are long-term, low-interest loans that must be repaid according to federal guidelines. Repayment begins nine months after graduation or after enrollment drops below six credits.

Subsidized and unsubsidized Federal Stafford Loans are long-term loans available to undergraduate students. Students receiving a subsidized or unsubsidized Federal Stafford loan or a Perkins loan must complete a debt-management session and master promissory note before DACC/NMSU will issue a check. In addition, students must complete an exit interview upon graduation or withdrawal from DACC/NMSU. Repayment of a Stafford loan begins six months after graduation or six months after enrollment drops below six credits. The interest rate is variable but will not exceed 8.25 percent. More information will be available at the time the loan is made.

WORK-STUDY PROGRAMS. The Federal Work-Study Program provides employment opportunities for selected undergraduate students. The New Mexico Work-Study Program also provides employment opportunities for students; however, only New Mexico residents are eligible to participate in the program. For more information on the U.S. Department of Education student aid programs, look on the Internet at http://studentaid.ed.gov/students/publications/student_guide/index.html (for financial aid) or http://dacc.nmsu.edu/sss/finaid.

AWARDS. All financial aid awards are based on information provided by the student and parents, availability of funds, and eligibility requirements. Any award may be revised based on changes in enrollment, cost of attendance, family contribution, or failure to meet satisfactory academic progress. Withdrawals or reductions in enrollment may affect an award or any future awards. Financial aid and scholarships may not pay for courses in which an I or RR grade is received, or for audited courses. Visit with the Financial Aid Office for specific disbursement requirements. Mini-session courses will be considered for payment only if registration has been completed by the last date to add a course in August or January.

SCHOLARSHIPS. All Scholarships are contingent upon availability of funds. Individual scholarship criteria are subject to change. Students are encouraged to apply online at http://scholarships.nmsu.edu. The online application will be available in early January and is due by March 1st. Only one application is necessary to be considered for most scholarships.

• State Scholarships. The New Mexico Legislative Lottery Scholarship helps pay tuition expenses for New Mexico high school graduates (or GED recipients) who plan to attend an eligible New Mexico public college or university. Students establish eligibility in their first regular semester immediately following their high school graduation and funding begins in their second college semester. To be eligible for the Legislative Lottery Scholarship you must (1) be a New Mexico Resident, (2) have Graduated from a N.M. high school or received a N.M. GED, (3) be enrolled full time and complete 12 credit hours with a 2.5 GPA in the first regular semester immediately following high school graduation, and (4) be an undergraduate student.

• The Legislative Endowment Scholarship provides aid for undergraduate students with substantial financial need who are attending a post-secondary institution in New Mexico. You must be a N.M. resident attending a post-secondary institution, be enrolled at least part-time (6 credit hours), and demonstrate financial need.

• Private Scholarships. Thanks to the generosity of our private donors, Doña Ana Community College is able to offer a wide array of scholarships to assist a diverse student population pursuing a higher education. Scholarships are primarily awarded according to merit, as successful candidates are selected on the basis of academic achievement, personal leadership, and financial need.

• DACC Institutional Scholarships are awarded on a first-come, first-served basis. Applicants must be pursuing a certificate or associate degree at DACC, have at least a 2.5 cumulative GPA, and be a New Mexico Resident, as well as a US Citizen or eligible noncitizen.

• Departmental Scholarships. Scholarships may also be available from individual DACC departments, as well as local companies and agencies. Check with your program and the Financial Aid Office for further information.
VETERANS ASSISTANCE. The Financial Aid Office no longer certifies veterans education benefits. See the section following “Workforce Investment Act Initiatives.”

WORKFORCE INVESTMENT ACT (WIA) INITIATIVES. These federally funded programs assist students pursuing careers in technical-vocational or associate degree programs. In some instances, students may be assisted for GED and noncredit courses. Sponsored students may receive financial support for tuition and fees, textbooks, laboratory and classroom supplies, tools and safety equipment, and testing and licensor fees. They may also receive a supportive service allowance to cover transportation, child care, and subsistence costs.

Students in the local and surrounding area may apply for WIA eligibility at the New Mexico Department Workforce Solutions, 226 S. Alameda Blvd., Las Cruces, N.M. 88005 (telephone 575-524-6250). Those living outside the Greater Las Cruces Area should visit their local Department of Labor Office. For more information, call the community college at 527-7535.

Veterans Students

DACC degree and certificate programs are approved by the Department of Veterans Affairs (state approving agency) for enrollment of persons eligible to receive veteran education benefits.

For further information concerning approved programs and the application process, eligible persons should contact the V.A. Office, located on the East Mesa Campus in room DAEM 208B (528-7081).

RESPONSIBILITY OF VETERAN STUDENTS. Students must be pursuing a degree or certificate in a specific program to be eligible to receive benefits. Admission procedures for veterans and other eligible persons are the same as those for other students. Degree plans from academic advisors must be submitted prior to any verification. For continued certification, students must submit an updated degree plan, registration document, and detailed class schedule to the DACC Veterans Programs Office each semester.

Veterans must notify the community college V.A. Office when any one of the following occurs:

1. Dropping or adding course(s)
2. Withdrawing from course(s)
3. Discontinuing regular class attendance
4. Changing programs (academic majors)

V.A. educational benefits are payable for regular attendance in courses that are part of the veteran's program (major) curriculum. V.A. educational benefits are not payable for—

1. Classes not attended regularly
2. Classes that are dropped
3. Repeat of a course for which a passing grade was received
4. Classes for which credit is received through successful completion of a proficiency test or grade by examination
5. Classes taken on an audit basis
6. Classes taken that are not part of the veteran's program (major) curriculum

Distance Education

The Schedule of Classes indicates which courses will be offered via distance education technologies during any given semester or term. The Virtual Learning and Instructional Technology (VLIT) Department is committed to the success of DACC’s distance education efforts. The VLIT staff provides online course support through classroom training sessions and help-desk assistance for faculty and students.

Visit the VLIT website at http://dacc.nmsu.edu/vlit/, for helpful resources such as these:

- Personal readiness survey for taking online courses
- Frequently Asked Questions (FAQ) database of the most commonly asked questions
- Schedule for Student Blackboard trainings at the beginning of each semester
- Help desk and chat service links

The VLIT staff can be consulted by phone at (575) 528-7007 or in person. The VLIT office on the Central Campus is located in room DALR-270, and on the East Mesa campus it is located in room DAAR-203D.

Student Services on the DACC Campus

Security

Security staff is available to all students, faculty, and staff at the various DACC locations. Persons having a security issue or needing a safety escort or a guard for safety purposes may call Campus Security at one of the following numbers:

- Main Campus: 202-8962
- East Mesa Campus: 202-9781
- Gadsden Campus: 915-6954
- Sunland Park Campus: 915-5728
- Workforce Center: 915-6194

The Security Office, located on the DACC Central Campus in room DATS-153E (528-7029), is open Monday through Friday, 8:00 a.m. to 5:00 p.m.

Counseling

Counseling services are available to all DACC students free of charge.

Career Counseling. Career assessment and counseling are available to help students make a realistic and satisfying career choice. Through these processes, students gain information about themselves and their interests, aptitudes, and character traits. With the help of a computerized career-development system, they can obtain current statewide and national information, including—

- Job descriptions
- Employment projections
- Average annual salaries
- Required educational training
- Apprenticeship programs
- On-the-job training opportunities
- Armed services occupations
- Additional educational opportunities
- Tuition costs (in and out of state)
- Financial aid possibilities

The services mentioned above are free. More information may be obtained by calling 527-7548 or visiting room DAMA-117. Services also are available at the East Mesa Campus (528-7250), Gadsden Campus (882-6809), and Sunland Park Campus (874-7787).

Academic Counseling/College Survival Skills. Success in college requires special personal skills. DACC offers seminars and workshops that assist in learning how to cope with the demands of college. Seminar topics include stress management, communication skills, assertiveness training, returning to learning, sexual harassment prevention, and career decision making.
Personal Counseling. Personal and relationship problems can occasionally interfere with one’s studies. Counselors at DACC are available for short-term counseling. For long-term services, students may be referred to the NMSU Student Health Center or to community resources (lists are available). DACC counselors are located on the East Mesa Campus in the Student Services area, suite DAEM 208. For more information, telephone 527-7548. Personal counseling also is available at the Central Campus (527-7548), the Gadsden Campus (882-6809), and the Sunland Park Campus (874-7787).

Student Success Center/Tutorial Services
Free tutoring in selected subjects is available to all DACC students who are currently enrolled for college credit. Math tutoring is available on a walk-in basis; for tutoring in other subjects, it is best to make an appointment. Course-specific tutoring is contingent upon availability of tutors in a given area. To obtain services or additional information, visit room DAMA-83 or call 527-7646.

Services for Students with Disabilities
DACC is strongly committed to helping students with disabilities reach their individual goals. The Services for Students with Disabilities (SSD) program provides specialized support services to fulfill this commitment. This program may not be able to meet all needs; however, a reasonable effort will be made to facilitate physical and programmatic access. To provide quality services, SSD procedures include self-identification of persons with disabilities and determination of their eligibility for services. Students with disabilities must request services and provide appropriate documentation from schools, agencies, physicians, psychologists, and/or other qualified diagnosticians.

If challenged by a disability, students may receive the following forms of free assistance/accommodations: sign-language interpreters, note-taking assistance, readers, enlarged print, recordings for the blind and dyslexic, computer/software adaptations, alternative assessments and evaluations, alternative keyboards, accessible furniture, specialized career information, and referral and liaison for many of these services. Equipment and accommodations are obtained with the assistance of agencies such as the Division of Vocational Rehabilitation (DVR) and the Commission for the Blind.

More information may be obtained from the Services for Students with Disabilities Office, DAMA-117 (575-527-7548). Students may also contact the student service specialist at the East Mesa Campus (575-528-7250), the Gadsden Campus (575-882-6809), or the Sunland Park Campus (575-874-7787).

Library Services
The DACC Library provides two physical locations for students and members of the community. One is situated on the Las Cruces Central Campus and at the other is on the Las Cruces East Mesa Campus. Library users enjoy an open atmosphere where they can access in-house and electronic materials, while being assisted by friendly staff. With its supportive learning environments and emphasis on Internet-based resources, the DACC Library provides research assistance, information literacy instruction, and other library services to DACC students at all of its campuses, as well as to distance learners.

The library website [http://dacc.nmsu.edu/library/](http://dacc.nmsu.edu/library/) is an information resource portal that provides seamless, integrated access to a wide variety of electronic databases and web-based resources. The portal also supports DACC’s academic programs at all campuses and is accessible off campus, as well.

The DACC Library shares an online library catalog with all NMSU campus libraries. There is express delivery service among the campuses, and students can pick up materials from their most convenient location. Interlibrary loan services are available to all students for materials not owned by DACC or NMSU libraries.

Other online resources include databases containing magazine and newspaper articles; electronic book collections that provide access to more than 30,000 e-books on a wide range of subjects; and tutorials covering APA citation style and other “how-to” research topics. The Netlibrary collection also contains more than 1,000 audio-books that can be downloaded to a PC or portable device from a link on the library website.

The college I.D. serves as a library card for checking out books, which are loaned for three weeks, and audiovisual materials, which are loaned for one week. Extended loan periods are available to Crimson Scholars.

At the Central Campus, the Library is located in the Learning Resources Building, room DALR-260, and at the East Mesa Campus, the Library is located in the Academic Resources Building, room DAAR-203. During the fall and spring semesters, both locations are open from 8 A.M. to 9 P.M. Monday through Thursday, 8 A.M. to 5 P.M. on Friday, and 10 A.M. to 2 P.M. on Saturday. Both library locations are closed on Sundays. Call (575) 527-7555 at the Central Campus or (575) 528-7260 at the East Mesa Campus for summer hours or for schedule updates. Holiday and interim hours will be posted.

Student Computer Access
DACC has more than 1,300 computers for student use. Most are located in classrooms, where they are integrated into the teaching process. Additionally, all DACC campuses have open computer laboratories, affording access to student E-mail accounts, the Internet, and Blackboard, as well as other services provided through NMSU’s Information and Communication Technologies unit (see section titled, Information and Communication Technologies, under the heading, Student Services on the NMSU Campus). Students will find software for word processing, spreadsheets, drawing and image processing, presentations, and scientific computation, as well as other tools to assist them in a successful college career.

Wireless network access is provided in the commons area at each of the campuses, except White Sands.

Hours for the Central Campus open computer lab (575-527-7561) are 8 A.M. to 10 P.M. Monday through Thursday, 8 A.M. to 5 P.M. on Friday, 9 A.M. to 5 P.M. on Saturday, and 1 to 5 P.M. on Sunday. Hours for the East Mesa open lab (575-528-7265) are 8 A.M. to 9:30 P.M. Monday through Thursday, 8 A.M. to 5 P.M. on Friday, 8 A.M. to 2:30 P.M. on Saturday, and closed Sunday. Call for lab hours at the Gadsden Campus (575-882-3939) and the Sunland Park Campus (575-874-7780).

Books and Supplies
Students are responsible for buying their own textbooks, routine school supplies, and personal items. Two well-equipped bookstores are located in room DACL-170 on the Las Cruces Central Campus and in room DAAR-102 on the Las Cruces East Mesa Campus. They are arranged for self-service, with textbooks displayed by course number. In addition to textbooks, the bookstores sell calculators, educational supplies, and other types of merchandise.

For current bookstore hours or other information, call (575) 527-7692, or visit [http://www.nmsubookstore.com](http://www.nmsubookstore.com).

Career Services, Home of The JOB Squad
The ultimate goal of most students is meaningful employment at the conclusion of their academic career. Career Services, located in room DAMA-99 on the Central Campus, provides students with the tools to achieve this goal.

Students are advised to contact the office early in their first semester at DACC to familiarize themselves with the services available. They will be introduced to the latest methods in job search strategies, résumé preparation, and interviewing techniques. The JOB Squad
(Career Services office staff) assists students and alumni looking for a career, job, or internship opportunities by having them register on DACCS’s AggieCAREER Manager online system. Features of this system include the ability to upload résumé(s) and cover letter(s); review employers attending career fairs; utilize an employer directory; schedule on-campus interviews; and receive information special events. The JOB Squad hosts an annual career expo and offers workshops and seminars to address the needs of job seekers. For more information, call 527-7538.

COOPERATIVE EDUCATION. DACC Career Services also oversees the administrative component of Cooperative Education, a program that facilitates learning through paid employment in practical, curriculum-related work assignments structured to meet students’ interests, abilities, and aptitudes while meeting employers’ needs. For more information call 527-7538.

Student Government/Student Activities

The Associated Students of Doña Ana Community College is a dynamic and responsive student government that provides students and student organizations a foundation for enhanced learning and leadership development through educational and social activities, communication, and programs.

The Office of Student Activities is located on the Central Campus in room DAMA-109. For more information, call (575) 527-7618.

Campus Security

Security staff is available to all students, faculty, and staff at the various DACC locations. If you have a security issue, need an escort, or require a guard for safety purposes, do not hesitate to call:

Central/Main Campus Security ........................................ 202-8962
East Mesa Campus Security ............................................ 202-9781
Gadsden Campus Security ............................................ 915-6954
Sunland Park Campus Security ....................................... 915-5728
Workforce Center Security .......................................... 915-6194

The Security Office, located on the DACC Central Campus in room DATS-153E (528-7029), is open Monday–Friday, 8:00 a.m.–5:00 p.m.

Student Services on the NMSU Las Cruces Campus

This section describes the services offered on the NMSU campus that are most commonly used by DACC students. For a complete listing of NMSU student services, consult the NMSU Undergraduate Catalog.

Identification Cards

Students should obtain an NMSU I.D. card for personal identification, privileges at NMSU and DACC libraries, and student discounts in the community. The cards are issued at NMSU Auxiliary Services in room 137 of Corbett Center for all students.

NMSU students enrolled full-time have the university’s health/activity fee included in their tuition and are covered for all student activities. Students enrolled in 6 to 11 credit hours at NMSU and/or full-time at DACC may, with payment of the health/activity fee, receive a validation sticker granting the additional privileges. (See section titled “Health/Activity Fees.”)

Student Support Services

Student Support Services is a program of encouragement and academic support to ensure that eligible students succeed at NMSU. To qualify, students must be first-generation college students (neither parent received a baccalaureate degree), low income, or have a learning or physical disability.

Because Student Support Services is highly competitive with only 350 slots available for eligible students per semester, students should apply early in Garcia Annex, room 143 or call 646-1336.

Student Health Center

The university maintains a well-equipped health clinic on campus with hospitalization available in the community. All DACC students enrolled in six or more credit hours have the option to purchase this service at the time of registration, or later at the Student Health Center. Part-time foreign students, regardless of classification, must pay the health fee for Student Health Center services.

A supplemental health insurance policy is available to students through NMSU. More information may be obtained from the Student Health Center at 646-1512.

Information and Communication Technologies (ICT)

Information and Communication Technologies supports and facilitates information technology at NMSU. Through the campus network, students have access to mainframe and Unix processors that support instruction for all NMSU colleges. In addition, computer clusters spread around campus provide PCs and Macintosh computers loaded with typical personal computer software as well as with course-specific software. Online student admission is available at http://prospective.nmsu.edu. Registration functions, grade reports and e-mail may be accessed via the web at https://my.nmsu.edu.

NMSU–Las Cruces Campus Activities

The Office of Student Activities advises and assists in the coordination of activities and events sponsored by students or student organizations. Activity approvals and contracts for these events, as well as student organization chartering, are processed by this office. The NMSU Office of Student Activities is located in the Corbett Center Student Union, room 165 (646-3200).

Ethnic Programs

There are three ethnic offices on the Las Cruces campus of NMSU: American Indian Programs, Black Programs, and Chicano Programs. These offices, located in Garcia Annex, serve the needs of a diverse student population. Courses on the cultures and histories of these ethnic groups are offered each semester.

International Students

A full range of services for foreign students is offered through the International Student Services at NMSU. See the NMSU Undergraduate Catalog, or call 646-3199 for further information.
Additional Locations

East Mesa Campus
2800 N. Sonoma Ranch Blvd.
Las Cruces, N.M. (map appears on page 19)
575-528-7250

In addition to the DACC administrative offices, the East Mesa Campus houses a bookstore, library, computer lab, and administrative and faculty offices for the Business and Information Systems Division, the General Studies Division, and the Technical Studies Division. Programs offered at this campus include the Associate of Arts and Associate of Science degree programs, Business Management, Business Office Technology, Computer and Information Technology, Creative Media Technology, Drafting and Design Technologies, Health Information Technology, Hospitality and Tourism, Hospitality Services Management, Library Science, Paralegal Studies, and Pre-Business.

Phases 3 and 4 of the East Mesa campus opened in the fall of 2009. Additional phases of the campus will be completed in the coming years.

Bus Service to the East Mesa Campus: Students may travel between the Central and East Mesa campuses by using a combination of the Aggie Transit Route 3 and the DACC Shuttle. For current time tables and other information, visit http://www.las-cruces.org/public-services/roadrunner/index.shtm and click on “Aggie Transit and DACC Shuttle” in the left-hand column.

South County Campuses

Gadsden Campus
1700 E. O’Hara Road (I-10 and State Highway 404)
Anthony, N.M. (map appears on page 19)
575-882-3939

Sunland Park Campus
3365 McNutt Road • Sunland Park, N.M. (map on p. 20)
575-874-7780

The two south county campuses offer freshman- and sophomore-level coursework in vocational, technical, developmental, and general education, as well as the Associate of Arts, Associate of Criminal Justice, and Associate of Pre-Business degrees. The campuses also provide concurrent enrollment (dual credit) programming for the Gadsden School District, ESL, GED, and citizenship classes for the border area are available through the ABE program, also housed at the campuses. Refer to the section titled, “Adult Basic Education,” in this catalog for a full listing of services.

Attending the Gadsden Campus or the Sunland Park Campus is the equivalent to attending one of the Las Cruces campuses of DACC. Tuition is the same, applications are accepted throughout the year, and the COMPASS assessment (for placement in classes) is offered on-site virtually every weekday.

Students attending the Gadsden Campus or the Sunland Park Campus may attend classes at any other DACC campus, NMSU’s Las Cruces campus, or other NMSU campuses, without completing additional admissions procedures. Students may attend one or more campuses simultaneously; however, the total credit-hour load may not exceed that stipulated by the normal class-load policy.

Student Services

All students currently attending, or planning to attend, one of the south county campuses also may use the student services available at either of the Doña Ana Community College campuses in Las Cruces. An advisor is available at the south county campuses to advise students as they make career, program, and scheduling choices. DACC students may also take advantage of tutoring services at either or both locations.

Academic Regulations

All NMSU academic regulations apply to students attending a south county center. Please refer to the “Academic Regulations” section in the front of this catalog, or the current NMSU Undergraduate Catalog.

White Sands Campus

Building 465, room 125
White Sands Missile Range, N.M. (map appears on inside back cover)
575-678-6198

The White Sands Campus (WSC) provides educational opportunities for military and civilian personnel, as well as their family members assigned to White Sands Missile Range, New Mexico. It is also open to civilians living in the surrounding communities; however, only U.S. citizens and permanent resident aliens possessing a bona fide Emigrant Alien Card, which allows for permanent residency in the United States, may take classes at this location. Students not living on or assigned at WSMR must obtain an individual access pass as well as a vehicle pass to enter WSMR. It is best to contact the WSC staff for current procedures.

WSC offers freshman- and sophomore-level coursework in general education and developmental studies. The center offers two eight-week academic mini-sessions each fall and spring semester and one or two, five-week mini-sessions in the summer. Occasionally, the center will offer courses in a 16-week format. A schedule of classes for each mini-session and semester may be obtained at the center. WSC classes can also be found listed in the DACC Schedule of Classes.

An academic advisor is available to discuss scheduling choices and career programs offered by DACC. Most all student services are offered at the center; however, students planning on applying for federal financial aid, grants, or scholarships should contact the DACC financial aid office at the DACC Las Cruces Campus. Federal Aid applications are available online. Military students receiving military tuition assistance must contact their respective branch and military education counselor prior to enrolling in classes.

Attending classes at WSC is the equivalent of attending classes at one of the DACC campuses in Las Cruces. Moreover, students attending WSC may attend classes at any other DACC campus without additional admission procedures. Students may attend classes at one or more locations simultaneously, as well as online, but the total credit-hour load may not exceed the normal class-load policy.
All NMSU academic regulations apply at the DACC White Sands Campus. Please refer to the “Academic Regulations” section in the DACC or NMSU catalog.

All courses offered through DACC, including those offered at this center, are consistent with Veterans Administration and Social Security Administration regulations.

**Servicemembers Opportunity Colleges**  
**Associate Degree (SOCAD)**

The SOCAD program is for military service personnel and their family members. DACC/NMSU is an SOC-2 school and is networked through the SOC program with participating colleges and universities. The SOCAD program offers college credit to military personnel for skills acquired while in the military. Please see the DACC advisor at WSC for more information.

**Mesquite Neighborhood Learning Center**

890 N. Tornillo St., Las Cruces (map appears on page 20)  
575-528-4051

The center was initially funded by a grant from the U.S. Department of Housing and Urban Development in 2000, and later through a second HUD Hispanic Serving Institutions—Assisting Communities grant. Currently funded by a grant from New Mexico Works, and a third HUD Hispanic Serving Institutions—Assisting Communities grant, the Mesquite Neighborhood Learning Center brings education to those who otherwise might not have access to it.

The center’s focus is on providing low-income students with the knowledge necessary to obtain a higher education, while developing work-related skills. Transitional classes and workshops involving work-readiness skills and college preparation allow students to eventually move on to college and careers. GED and ESL classes are offered on site through DACC’s Adult Basic Education Division.

The center also seeks to establish relationships between students and the center’s partners throughout the community. Numerous community agencies and businesses have partnered with Mesquite Neighborhood Learning Center and the City of Las Cruces to provide health care, counseling services, job-readiness activities, legal assistance, computer literacy, child care, and many other services.

Developmental education courses are the latest addition to the center’s offerings.

**Workforce Center**

2345 E. Nevada Ave. • Las Cruces (map on inside back cover)  
575-527-7776

The Workforce Center offers a variety of lifelong-learning opportunities that are customer driven and serve as the bridge between our diverse community and the college. We are business-solution partners for Doña Ana County.

DACC’s Customized Training, Community Education, Small Business Development Center, and Truck Driving Academy currently occupy the Workforce Center. Together, these programs address everything from the start-up needs of small businesses to the larger training needs of established, growing businesses. Many business assessment tools are available, as well as training space and commercial space on a short-term, rental basis for outside organizations.

Also offered at the center are credit courses pertaining to several of DACC’s associate degree and certificate programs, including Building Construction Technology, Drafting and Design Technologies, Electronics Technology, and Automation and Manufacturing Technology.
East Mesa Campus

Gadsden Campus and Chaparral Learning Center
Sunland Park Campus

Maps continue on inside back cover.

Mesquite Neighborhood Learning Center

DACC Mesquite Neighborhood Learning Center
890 N. Tornillo St. • Las Cruces
Credits
The unit of credit at DACC/NMSU is the semester hour, which is the equivalent of one hour's recitation (lecture) or a minimum of two hours of practice per week for one semester.

Class Load
The normal class load in a regular semester is 12 to 18 credits. An overload is more than 18 credits. A normal class load in summer school is 6 credits.

Written permission for the student to register for an overload must be obtained from the campus student services officer or student services specialist. To be eligible to take an overload, the student must have a cumulative grade-point average for the two preceding semesters of 2.5 or above with no grade less than C. A one-credit course in physical activity does not affect the calculation for determining an overload. Freshmen will not be permitted to assume an overload.

Satisfactory Progress
A full-time student is making satisfactory progress when the cumulative number of credits earned at DACC/NMSU, divided by the number of semesters attended, equals at least 12. Part-time students must earn a proportional number of credits in the same time period for purposes of financial aid. In the case of new freshmen, this definition will not be applied until the beginning of the third semester of enrollment; however, for all other students, it will apply after one semester of enrollment. All students at the end of their second academic year must have a cumulative GPA of at least 2.0.

Grading System
Grades and credits can be accessed over the Web, but students must have an active my.NMSU.edu account in order to do so. Grade reports may be ordered via Web, but will not be automatically mailed to students. When ordered, grades will be mailed to an address chosen by the student. It is the responsibility of the student to provide the Office of the Registrar with the address to which grades should be mailed. At the request of the student, the instructor will provide information on progress in the course prior to the last day to drop a course.

The system of grading is expressed in letters that carry grade points used in calculating the cumulative grade-point average:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A — For excellent work</td>
<td>4</td>
</tr>
<tr>
<td>B — For above-average work</td>
<td>3</td>
</tr>
<tr>
<td>C — For average work</td>
<td>2</td>
</tr>
<tr>
<td>D — For below-average work</td>
<td>1</td>
</tr>
<tr>
<td>F — For failing work</td>
<td>0</td>
</tr>
<tr>
<td>N — Grade not submitted</td>
<td>0</td>
</tr>
<tr>
<td>W — For withdrawal</td>
<td>0</td>
</tr>
<tr>
<td>CR — Credit authorized, but no letter grade given</td>
<td>0</td>
</tr>
<tr>
<td>RR — Substantial progress in skill development course</td>
<td>0</td>
</tr>
<tr>
<td>S — Satisfactory work (normally equivalent to C or higher)</td>
<td>0</td>
</tr>
<tr>
<td>U — Unsatisfactory work</td>
<td>0</td>
</tr>
<tr>
<td>I — Incomplete</td>
<td>0</td>
</tr>
<tr>
<td>AU — Audit</td>
<td>0</td>
</tr>
</tbody>
</table>

In computing the overall grade-point average, the total of credits in which the grades of A, B, C, D, or F have been assigned is divided into the total number of grade points earned.

Courses for which only credit (CR) but no letter grade is given and courses in which an S is earned may be counted toward graduation, but are not computed in the grade-point average. An S grade is normally equivalent to a grade of C or higher.

**REPEATING A COURSE.** A student may repeat a course in which a D or F grade has been earned. A computable grade (excluding I, W, RR, AU, CR, S, or U) in a repeated course may be substituted in the calculation of the grade-point average, though the original grade also remains on the transcript. The first occurrence with a C or better grade will count in earned/passed hours. Future attempts will not count in earned/passed hours. If a student repeats a course eligible for grade substitution in which the student has earned a D and then fails the course, the second grade of F will not be substituted for the original grade.

Neither credits nor grade points may be earned by repeating a course for which a grade of C or higher has already been received. Repeat option applies only to eligible courses that were completed prior to the time a student was awarded a degree at DACC/NMSU.

**INCOMPLETE GRADE.** The grade of I (incomplete) is given for passable work that could not be completed due to circumstances beyond the student's control. The following regulations apply to removing or changing an I grade.

1. Instructors may assign I grades only if the student is unable to complete the course due to circumstances beyond the student's control that develop after the last day to withdraw from the course. Examples of appropriate circumstances include documented illness, documented death or crisis in the student's immediate family, and similar circumstances. Job related circumstances are generally not appropriate grounds for assigning an I grade. In no case is an I grade to be used to avoid the assigning of D, F, U, or RR grades for marginal or failing work.

2. To assign an I grade, the instructor must complete the I Grade Information Form and have the form delivered to the course dean, together with the instructor's grade sheets for the semester. The instructor will state in writing on the I-Grade Information Form the steps necessary to complete the remaining course work or the instructor may indicate that the student will be required to re-enroll in the course to receive credit (in which case the I grade will not be removed). The student will sign this document or the course dean will send a copy of the document to the student's official permanent address as recorded in the Registrar's Office.

3. The student is entitled to have the I grade removed from the student's transcript only if the student completes the remaining course work as specified on the I-Grade Information Form, in a manner satisfactory to the instructor. The work must be completed within 12 months after the I grade is assigned and prior to the student's graduation, or within a shorter period of time if specified by the instructor on the I-Grade Information Form. If the student fails to complete the course work, the instructor may change the I grade to any appropriate grade (including D, F, or U) provided that the instructor stated that this would occur on the I-Grade Information Form.
4. I grades can be removed from the student's transcript by the instructor only during the 12-month period following assignment of the I grade or prior to the student's graduation, whichever comes first. To remove an I grade, the instructor must complete a Change of Grade Form and file the form with the Registrar. The instructor may assign whatever grade is appropriate for the entire course. This may include grades of D, F, or U. An I grade not changed by the assigning instructor within 12 months and prior to graduation shall remain an I grade thereafter.

5. A student may re-enroll and receive credit for any course for which an I grade was previously received, but retaking the course will not result in a removal of the I grade from the student's transcript.

The effect of removing an I grade on a student's academic standing (scholastic warning, probation, or suspension) depends on the date the transaction is officially recorded on the student's academic record. If the transaction is recorded before the student begins another semester, the grade replacing the I is included in the grade-point average calculation that establishes the student's academic standing. If the transaction is recorded after the student begins another semester, the new grade's effect on academic standing is based upon its inclusion with grades for the semester in which the student is enrolled.

**RR GRADE.** The RR grade applies only to designated skill-development (CCDE, CCDL, and CCDM) courses and indicates the student has made substantial progress toward completing the requirements of the course. It carries neither penalty nor credit. The student must re-register and successfully complete the course in order to earn credit. The grade of RR may be received only once in any given course, and it remains on the student's transcript.

**S/U OPTION.** Students with 28 credits at DACC/NMSU under traditional grading, with an overall average of 2.5 or better, may exercise the S/U option. The following limitations apply:

1. No more than 7 credits per semester or 4 credits per summer session.

2. Not to exceed a total of 21 semester credits.

These limitations do not apply to honors courses or courses officially designated S/U.

Each course under this option must be requested during registration. The course must be taken outside the major. If the student changes majors, the new major department may require a traditional grade for a course previously passed with an S grade. The traditional grade change is made by the instructor or by a course challenge if the original instructor is no longer with the college.

Eligibility for S/U grading must be reestablished after adjusted credit has been approved. Non-degree students who do not meet the above requirements may take courses under the S/U option. However, these courses may not be applied toward an undergraduate degree at NMSU.

Each college of the university may designate courses in which the grading will be a basis of S or U for all students enrolled in the courses. Credits in such courses are not included in the 21-credit limitation.

**Adjusted Credit Option**

The adjusted credit option allows students who obtain a low grade-point average (less than 2.0 cumulative) during their first few semesters to get a fresh start. This option may be used only once and is not reversible. All courses carrying a grade of S, CR, or C or better, earned prior to the grading period in which the student requests the adjusted credit option (including transfer courses) are included as adjusted credit. All allowable credits are designated on the permanent academic record as "adjusted credit" and are omitted from the calculations of the cumulative grade-point average.

A fee of $10 is required for the submission of an adjusted credit option application. Application forms are available in the Advising Center, DAMA-116. Students applying for this option must—

1. not hold a baccalaureate or associate degree;

2. be currently enrolled as a regular or non-degree undergraduate student;

3. have a cumulative grade-point average of less than 2.0 at DACC/NMSU;

4. have successfully completed fewer than 60 credits when transfer credits and DACC/NMSU credits are combined; and

5. exercise the option only during the fall or spring semester before the last day to withdraw from DACC/NMSU.

Other courses taken during the period of credit adjustment are not calculated in the cumulative grade-point average. The repeat rule for courses starts anew for students who have taken the adjusted credit option.

Credits covered by this option are shown on the transcript with an appropriate notation, and all coursework attempted is shown. In no circumstances will a transcript of this record be issued that does not include all courses attempted at this university.

Probationary status and eligibility for on-campus employment are not affected by the exercise of the adjusted credit option.

Students are eligible for university honors if the criteria for university honors are met for all courses taken at DACC/NMSU after the period of adjusted credit.

DACC students who exercise the adjusted credit option must pass an additional 30 graded credits before they may be awarded an associate degree.

**Transfer Credits**

Credits from accredited postsecondary institutions are automatically evaluated after official transcripts are received by the DACC Admissions Office.

A transfer student may, on the basis of an evaluation of her/his transcripts, receive credit for courses taken at other postsecondary institutions in which a grade of D or higher was received. However, D grades at DACC/NMSU will not satisfy basic academic competency (basic skills) in English and mathematics. Additionally, individual programs may choose to only accept courses graded C or higher in their programs. Grades earned in courses taken at other institutions are not included in the calculation of the DACC/NMSU GPA.

Coursework from non-accredited institutions may be evaluated only after the student has completed 12 credits at DACC with a minimum GPA of 2.0. DACC has an established process for evaluating coursework completed at international institutions, non-accredited institutions/training academies, and through high school articulation agreements. The student should initiate the request for evaluation of this coursework with the academic department chair or program director. If approved by the division dean and vice president for academic affairs, coursework can be applied toward certificate or associate degree completion.

**Audits**

A regularly enrolled student may register for any course prior to the last day of registration as an auditor without credit with the consent of the instructor, provided the facilities are not required for regular
students. The fee is the same as for credit courses. Audit courses are not considered in determining the maximum load except for students on probation. A student may not change from credit to audit after the last day to register, but instead may withdraw and continue to attend class with instructor permission.

Short Courses
Short courses are available during the academic year. See the current Class Schedule for special registration times and deadlines for payment. In order to register for a short course, a student must be eligible to attend DACC/NMSU. Please note that enrollment in short courses is prohibited if total credit hours would exceed 18 in a fall or spring semester or if they exceed 7 in a summer session.

Credit by Challenging Courses
Any enrolled student with a cumulative GPA of at least 2.0, currently attending classes, may, with permission of the appropriate division or department, challenge by examination any undergraduate course in which credit has not been previously awarded except an independent study, research or reading course, or any foreign language course that precedes the final course in the lower division sequence. The manner of administering the examination and granting permission shall be determined by the division or department in which the course is being challenged.

Students may not enroll in a single course, challenge it by examination, and drop it during the drop/add period, unless they enroll in an additional course. In exceptional cases in which a student demonstrates outstanding ability in a course in which (s)he is already registered, (s)he may be permitted to challenge the course.

A student desiring to apply for special examination may obtain the necessary forms from the NMSU Office of the Registrar. The fee for challenging a course is the same as the approved tuition rate.

A grade of C or better is required for credit and will be recorded on the student’s record as CR. Courses may not be challenged under the S/U option.

The special examination privilege is based on the principle that the student, exclusively, has the responsibility for preparing for a special examination.

Credit by College-Level Examination Program
Prior to or during a student’s enrollment at DACC, credits toward general education requirements may be earned through the College-Level Examination Program (CLEP) of the College Entrance Examination Board. CLEP is a national program of credit by examination that offers the opportunity to earn credits for college-level achievement regardless of how or where the course content was learned.

Earned CLEP credit will be treated as transfer credit without a grade, will count toward graduation, and may be used in fulfilling specific curriculum requirements.

A current NMSU CLEP Policy, as well as test schedule information, is available through Testing Services, located in room 235 of Garcia Annex on the NMSU–Las Cruces campus (telephone 646-1921).

Credit for Prior Learning or Military Experience
Academic credit may be granted through the COLL 185 course for substantial previous training in the student’s major area of study. Experience gained in the military can also be evaluated for course credit. Contact Academic Advising (528-7272) for more information.

Definition of a Prerequisite
A prerequisite is an enforceable entry requirement for a particular course.

Recognition for Academic Achievement
Crimson Scholars Program
Outstanding students who meet the criteria listed in this section will have the designation of “Crimson Scholar” placed on their transcripts and will be recognized at commencement with special regalia and a notation in the program. Students who complete two semesters as Crimson Scholars and are eligible for a third semester will receive a lapel pin at an awards ceremony. Crimson Scholars are entitled to early registration and special library privileges.

To qualify for the Crimson Scholar program, students must be degree-seeking undergraduates enrolled for three or more credits per semester at DACC/NMSU. Those who qualify will be automatically notified by letter during the semester in which they become eligible. Criteria vary according to class standing as follows:

NEW FRESHMAN (those having 27 credits or less) with an ACT composite score of 26 or better or an ACT score of 24 or better, and a 3.75 high school GPA are eligible. Such students must maintain a 3.3 minimum cumulative GPA to continue in the program until they complete 28 graded credits.

CONTINUING FRESHMAN are not eligible for the program until they have completed 12 or more credits at DACC/NMSU with a 3.5 minimum GPA.

SOPHOMORES, JUNIORS, AND SENIORS (those having 28 or more credits) must have a 3.5 minimum cumulative GPA to be eligible and must maintain that minimum GPA to continue in the program.

TRANSFER STUDENTS must have a 3.5 minimum cumulative GPA for 12 credits at their previous institution(s) to be eligible, and must maintain at least a 3.5 cumulative GPA to continue in the program. Transfer students who do not have a 3.5 minimum cumulative GPA at their previous institution(s) must complete 12 or more credits at DACC/NMSU to establish eligibility and must maintain at least a 3.5 cumulative GPA to continue in the program.

Currently enrolled Crimson Scholars whose cumulative GPA drops below 3.5 or the minimum 3 credits per semester will be dropped from the program.

Additional information is available from the campus student services officer, whose office is located in DAMA-115.

*NOTE: Courses taken on an S/U or on an audited basis, as well as those for which an I was received, are not counted.

Published Report of Academic Achievement
Following the close of the semester, the college will publish a list of students who have achieved honor standing in grades for the previous semester. To be eligible, a student must have been enrolled in 12 or more semester credits with a computable grade in each. The top 15 percent of eligible students in the college will be named to the Published Report of Academic Achievement.

The designation Meritorious Graduate is awarded to the top 15 percent of the students receiving associate degrees within each college in any one academic year; the students must have completed 45 or more credits with computable grades at Doña Ana Community College.

Attendance and Student Performance
Students are expected to regularly attend all classes for which they are registered. Valid reasons for missing classes do not relieve the student of making up the work missed nor the responsibility of seeing the instructor about making up any missed work. Specific class attendance requirements are determined by the instructor of the course.
Students making satisfactory progress in their classes will be excused from classes when they are representing DACC during college-sponsored events (e.g., sponsored student-organization functions, educational field trips, and conferences). Authorized absences do not relieve the student of his or her class responsibilities. Prior written notice of the authorized absence will be provided to the instructor by the sponsoring faculty or staff advisor.

When the number of absences hinders a student's progress in a course, the instructor may initiate a statement of the student's excessive absences including a recommendation of retention or expulsion from the class. Based on the recommendation of the instructor and with the concurrence of the course division dean and the vice president for academic affairs (VPAA) a student will be dropped for persistent absences or for persistent failure to complete assignments. Similarly, a student may also be dropped from a class for engaging in behavior that interferes with the educational environment of the class. Any student who has been dropped from a class shall have the right to appeal that decision through the Student Academic Grievance Policy.

Only enrolled students for credit or for audit are permitted to attend classes. A student who has officially withdrawn from a course may continue to attend the course with the permission of the instructor for the remainder of the semester. Students not enrolled may visit classes only with the permission of the instructor.

Veterans Attendance and Satisfactory Progress

The Veterans Administration (V.A.) requires all veterans attending under Veterans Educational Assistance Benefits to make satisfactory progress and systematic advancement toward an educational objective, or be liable for overpayments from the V.A. Satisfactory progress and regular class attendance are expected of such students.

If a veteran receiving benefits is suspended for academic reasons, benefits are terminated and will be restored only after readmission to DACC/NMSU.

If the community college has liability claims filed against it as a result of a veteran failing to meet compliance requirements of the Veterans Administration, the university will not release any academic records on the veteran until such time as the veteran has reimbursed the federal government for funds drawn in violation of those requirements.

A student receiving V.A. benefits who is pursuing an associate degree or certificate through a program offered by DACC should adhere to the curriculum of that program. Failure to do so will result in the student's being certified for less than full-time status or becoming liable for an overpayment.

Academic Misconduct

Students at DACC are expected to observe and maintain the highest academic, ethical, and professional standards of conduct. Any student found guilty of academic misconduct shall be subject to disciplinary action. Academic misconduct includes, but is not limited to, the following actions:

1. Cheating or knowingly assisting another student in an act of cheating or other forms of academic dishonesty;
2. Plagiarism, which includes, but is not necessarily limited to, submitting examinations, themes, reports, drawings, laboratory notes, undocumented quotations, computer-processed materials, or other material as one's own work when such work has been prepared by another person or copied from another person;
3. Unauthorized possession of examinations, reserve library materials, or laboratory materials;
4. Unauthorized changing of grades on an examination, in an instructor's grade book, or on a grade report; or unauthorized access to academic computer records;
5. Nondisclosure or misrepresentation in filling out applications or other university records in, or for, academic departments or colleges.

Academic Appeals Board

The community college has an academic appeals board, consisting of three faculty members and two students appointed by the vice president for academic affairs. Any student who believes that (s)he has been unjustly treated by a faculty member within the academic process may request a hearing before the academic appeals board. The steps and procedures for the student to follow appear under the heading, “Special Grievance Policy,” in the DACC Student Handbook.

Academic Standing

Please see the section on incomplete (I) grades to determine the effect that removing I grades may have academic standing.

ACADEMIC WARNING, PROBATION AND SUSPENSION. When students do not maintain adequate academic standing, they begin a progression from Academic Warning to Academic Probation I and II, and finally to Academic Suspension. Each stage imposes more structure and restrictions on the student in order to help the student return to normal academic standing. Thus, the intent is not to punish, but to help the student enjoy academic success.

Since some of the restrictions imposed limit the number of credit hours that can be taken, students on Probation or Suspension may be subject to loss of financial aid. It is the responsibility of the student to determine what impact a particular change in academic standing could have on financial aid. Notification to students of Academic Warning, Academic Probation, or Academic Suspension appears on the student's grade report at the end of each grading period.

ACADEMIC WARNING. Issued only once, an Academic Warning is received when a student's cumulative GPA falls below 2.0 while the student is in good academic standing. The vice president of Student Services will send the student a letter detailing the consequences that will accrue should the cumulative grade point-average remain below 2.0 at the conclusion of the following semester.

While under Academic Warning, the student will be required to enter into a contract with their academic advisor that has the approval of the department chair. The contract may require the student to do any of the following:

- Repeat a course in an effort to sharply increase the GPA.
- Enroll in a 3-hour special study skills/time management course specifically designed for those on Academic Warning for the first time, or an equivalent course approved by the vice president of Student Services.
- Take only courses related to the student’s major, except for the special skills/time management course.
- Obtain tutoring help.
- See an academic counselor on a specified time schedule.
- Register for fewer credit hours if their are extenuating circumstances, such as work commitments.

Other requirements may be included in the contract, as well.

The vice president of student services may place the student on Academic Probation I should the student not adhere to the stipulations of the contract.
If, at the end of the first semester on Academic Warning, the student has a semester GPA greater than 2.0 but the cumulative GPA remains below 2.0, the student will remain on Academic Warning. If the cumulative GPA is raised to at least 2.0 by the end of the semester, the student is returned to regular status. If both the semester GPA and the cumulative GPA remain below 2.0 at the end of the semester on Academic Warning, the student is placed on Academic Probation I.

**SUMMER COURSES.** A student may use summer classes to try to get warning or probationary status removed. Under no circumstances may a student on Academic Warning or Academic Probation be allowed to register for an overload.

Academic warning status is continued if the student withdraws from the university. Probation or suspension status applies to all subsequent enrollments.

**ACADEMIC PROBATION.** The two stages in Academic Probation are described as follows:

**ACADEMIC PROBATION I.** As explained earlier, if the student’s semester GPA remains below 2.0 while on Academic Warning, the student is moved from Academic Warning to Academic Probation I. Under Academic Probation I the following conditions apply:

1. The student cannot enroll in more than 13 hours of coursework during the semester. Note: Students who fall below 12 credits in any one semester will jeopardize their financial aid. In such an event, students should contact their division dean as soon as possible to try to implement corrective measures.

2. The student and the advisor will enter into a contract (which may take the form of an individualized education plan) having the approval of the vice president of Student Services. Should the student fail to adhere to the stipulations of this contract, the vice president of Student Services may place the student on Academic Probation II or Academic Suspension.

3. If the student who is on Academic Probation is receiving educational benefits from the Veterans Administration, he or she must obtain counseling from the Office of Veterans Programs.

The student must maintain a semester GPA equal to or greater than 2.0 until the cumulative GPA reaches 2.0, at which time the student goes back to regular status. During this period, the student remains on Academic Probation I.

**NOTE:** Transfer students. Students (admitted under special provisions) whose transcripts indicate less than a 2.0 GPA are admitted on Academic Probation I.

**ACADEMIC PROBATION II.** If, however, the student fails to maintain a semester GPA of at least 2.0 while on Academic Probation I, the student will be placed on Academic Probation II. Students who are already on Academic Probation II will remain in that status as long as the cumulative GPA is still less than 2.0. The following stipulations apply to those on Academic Probation II:

1. The student cannot enroll in more than 7 hours of coursework during the semester.

2. The student and the advisor will enter into a contract approved by the vice president of Student Services that places further stipulations on Academic Probation II.

The vice president of student services may place the student on Academic Suspension should the student not adhere to the stipulations of the contract.

The student must maintain a semester GPA of 2.0 or higher until the cumulative GPA reaches a 2.0, at which time the student is placed on regular status. A student unable to maintain a semester GPA of 2.0 or higher while under Academic Probation II will be placed on Academic Suspension.

**CONTINUING IN PROBATIONARY STATUS.** Students may continue to enroll while on Academic Probation I or II provided they maintain a semester GPA of 2.0 or higher. They are continued on that same level of Academic Probation if they withdraw from the university while on Academic Probation.

**REMOVAL OF ACADEMIC PROBATION.** Such academic standing is removed when the cumulative GPA is raised to 2.0 or higher, with the following exceptions: (1) a transfer student may not remove probation by summer work alone; (2) if an I grade is removed after the student has enrolled, the new grade’s effect on academic standing is based on its inclusion with grades for the term for which the student is enrolled; (3) exercise of the Adjusted Credit Option does not change academic status until subsequent grades are earned.

**ACADEMIC SUSPENSION.** When a student does not achieve a semester 2.0 GPA or higher, and the cumulative remains below a 2.0 while under Academic Probation II, the student is placed on Academic Suspension. Students are not allowed to take NMSU courses while on suspension but must sit out a minimum of one semester and then petition the vice president of Student Services to be removed from Academic Suspension. At this time, the suspension status will be evaluated for possible removal. Should the suspension be lifted, the student is placed on Academic Probation II until such time that the cumulative GPA equals or exceeds a 2.0. At the discretion of the vice president of Student Affairs, the student will enter into a contract approved by the vice president of Student Services and the student’s division dean, which sets stipulations for removal from suspension. Failure to adhere to the contract will return the student to Academic Suspension.

Under certain conditions, a student may be re-admitted to NMSU with provisional regular status while under Academic Suspension when satisfactory progress has been demonstrated at another college or university (see the NMSU Undergraduate Catalog). Credits earned at another university or college while under Academic Suspension from NMSU or another university or college, will be accepted at NMSU only after the student demonstrates satisfactory progress over a period of two semesters after being re-admitted or admitted to NMSU. Acceptance of transfer credits that count toward degree requirements is still governed by the rules established by the student’s respective college or campus.

**EFFECT OF SUMMER ATTENDANCE.** Students suspended at the close of the spring semester may have their Academic Suspension rescinded if they attend any of the following summer sessions at NMSU or one of its community colleges. Such attendance must raise the cumulative GPA to 2.0 or better.

A certification of eligibility to attend summer sessions at NMSU after a spring semester Academic Suspension is available to the suspended student who wishes to attend summer sessions at other institutions.

**Disciplinary Probation and Suspensions**

DACC/NMSU expects all students to conduct themselves as responsible citizens on campus and in the community. Repeated misconduct and major violations will cause the student to be subject to immediate suspension or expulsion from DACC/NMSU.

The general rules and regulations applicable to students are in the “Student Code of Conduct” contained in the Student Handbook.

**Privacy Rights**

The following information has been designated as directory information and is subject to release to the public under the Buckley Amendment (PL 98-380), The Family Educational Rights and Privacy Act of 1974: student’s name, address, E-mail address, telephone listing, date and place of birth, major field of study, classification, par-
participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended by the student.

Other information regarding disclosure of student data is posted in the DACC Student Services area in compliance with the Act. Requests for withholding directory information must be filed in writing with the NMSU Registrar’s Office by the third Friday of class.

Social Security Numbers in Student Records

Social security numbers are collected from prospective and current students who wish to be employed on campus or apply for financial aid. Such students are required by law to provide their social security number for administrative use. Further, the university is mandated by federal tax regulations to provide tuition and fee payment information to the student and the Internal Revenue Service, so that applicable educational tax credits may be computed. The social security number will be necessary to submit this tax reporting. The social security number is a confidential record and is maintained as such by the university in accordance with the Family Educational Rights and Privacy Act (FERPA).

Graduation Requirements

The ultimate responsibility for planning an academic program in compliance with university, college, and departmental/program requirements rests with the student.

Students planning to graduate must clear all of their accounts with the DACC Cashiers Office. Delinquent accounts due to outstanding balances for tools, books, and personal materials should be cleared in the community college’s Cashiers Office, DAMA-118.

Graduation with Honors

The requirements for designation as a Crimson Scholar Graduate are listed on page 23 in the section titled, “Recognition for Academic Achievement.”

The designation Meritorious Graduate is awarded to the top 15 percent of the students receiving associate degrees within each college in any one academic year who have completed at least 45 credits and have completed any remaining credits within 12 months after the last day to withdraw with a W.

To Graduate with a Certificate

Students must successfully complete the total program as outlined in the course catalog. Any incomplete grade must be made up before the student is awarded the certificate. A certificate fee of $10 is to be paid at the DACC Cashier’s Office, DAMA-118.

To Graduate with an Associate Degree

To earn an associate degree, students must complete a minimum of 66 semester credits and have an average of two grade points per credit in all courses taken at NMSU or any of its community colleges (individual programs may have other GPA requirements). However, English 111G, Rhetoric and Composition, and basic skills courses in mathematics must be completed with a grade of C or better. The last 15 credit hours must be taken through the NMSU system, which includes DACC.

Filing Notice of Degree Candidacy

Students are required to file an application for a certificate or associate degree and pay the graduation fee for each degree sought. This fee ($25 for a certificate; $25 for an associate degree) must be paid by the end of the semester or session in which the candidate anticipates completing degree requirements. These fees may be paid at the DACC Cashiers Office in room 118. If degree requirements are not completed during the semester or session for which the student paid the fee, the student must reapply and pay any additional fees that may apply.

Student applications for the associate degree and certificate are available at the DACC Registration Office. A $25 late fee applies to degree applications received after the first day of classes, and no applications will be accepted after the last day to withdraw with a W.

A student may specify choice of either the current catalog at the time of admittance or a subsequent catalog, provided the selected catalog is not more than six years old when (s)he satisfies the requirements for graduation. In all other cases, the student will be subject to the current catalog.

Students planning to graduate must clear all of their accounts with the DACC Cashiers Office. Delinquent accounts due to outstanding balances for tools, books, and personal materials should be cleared in the community college’s Cashiers Office, DAMA-118.

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To earn an associate degree, students must complete a minimum of 66 semester credits and have an average of two grade points per credit in all courses taken at NMSU or any of its community colleges (individual programs may have other GPA requirements). However, English 111G, Rhetoric and Composition, and basic skills courses in mathematics must be completed with a grade of C or better. The last 15 credit hours must be taken through the NMSU system, which includes DACC.

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Students are required to file an application for a certificate or associate degree and pay the graduation fee for each degree sought. This fee ($25 for a certificate; $25 for an associate degree) must be paid by the end of the semester or session in which the candidate anticipates completing degree requirements. These fees may be paid at the DACC Cashiers Office in room 118. If degree requirements are not completed during the semester or session for which the student paid the fee, the student must reapply and pay any additional fees that may apply.

Student applications for the associate degree and certificate are available at the DACC Registration Office. A $25 late fee applies to degree applications received after the first day of classes, and no applications will be accepted after the last day to withdraw with a W.

A student may specify choice of either the current catalog at the time of admittance or a subsequent catalog, provided the selected catalog is not more than six years old when (s)he satisfies the requirements for graduation. In all other cases, the student will be subject to the current catalog.

The latest date for substitution or waiver of required courses for candidates for degrees is two weeks after the last date of registration for regular or summer terms. All fees and bills owed the university must be paid before a student may receive a diploma or transcript of credits. Graduation fees must be paid as listed in the section, “Tuition and Fees.”

Transcript of Credits

Recognition of degrees earned is made on the official transcript (academic record) of students completing all requirements for a degree or certificate. The official transcript is available in printed or electronic form.

Printed copies may be requested either at the NMSU Registrar’s Office (646-3411) or online; eTranscripts are available only online. For more information, visit http://academics.nmsu.edu/ and click on “Transcript Information” under the heading, “Resources.” Fees apply. No transcript of credits will be released if the student is in debt to DACC/NMSU.

Attendance at Commencement

DACC certifies eligibility to participate in commencement exercises for students planning to receive an associate degree or a certificate.

DACC holds commencement exercises at the end of the spring semester in May. Eligible candidates for degrees and certificates, as well as GEDs, are encouraged to participate in the commencement ceremony. Students wishing to participate in spring commencement prior to completing degree requirements in the following summer session should call 527-7530 for specific requirements.

A Note About Occupational Education Courses

Students planning to pursue a bachelor’s degree at New Mexico State University after completing their studies at DACC need to be aware that not all occupational-education courses taken at DACC (usually those with the “OE-” prefix) will apply toward a given major at NMSU. The number of DACC credits that may be counted toward a bachelor’s degree depends on the major selected and any agreements providing for the acceptance of occupational-education courses.

Programs already having such agreements are listed on page 30. It is best for students to consult advisors at both DACC and NMSU early in their associate degree program to ensure that the maximum number of credits will apply toward the bachelor’s degree program selected.
The New Mexico General Education Common Core Certificate of Completion

The 36-credit New Mexico General Education Common Core Certificate of Completion program prepares a student to transfer to any four-year college or university in the state. It also satisfies many or all of the Core Requirements contained in the associate degree career programs offered at DACC.

Students enrolled in the following DACC associate degree programs will become automatically eligible to receive this certificate upon completing the required general education common core courses contained in their curricula:

- Associate of Arts
- Associate of Science
- Criminal Justice
- Early Childhood Education
- Education
- Hospitality Services Management
- Pre-Business
- Public Health

This certificate is also a good choice for students who are undecided as to their major or program choice.

The Common Core requirements are presented on the following page in the section titled, “Transfer Among New Mexico Institutions of Higher Education.” It is best to consult an academic advisor before making final class choices.

General Studies Course Offerings

Developmental Studies, College Studies, and General Education Courses

Developmental Studies Mission and Value Statement

Our mission is to provide general education and developmental instruction designed to meet individual educational goals and foster lifelong learning.

By providing rigorous curriculum through interdisciplinary instruction that honors and recognizes the academic and workforce needs of our diverse community of lifelong learners,

- the General Studies Division is student-centered, and
- the General Studies Division encourages students to become risk-taking and self-motivated learners.

Developmental/College Studies Courses

Our developmental courses ascribe to the National Association for Developmental Education’s philosophy:

Helping under-prepared students prepare, prepared students advance, and advanced student excel (NADE 2001-2006).

Developmental courses are designed to help students acquire the skills and attitudes necessary for college success. Developmental Studies includes English, math, reading, language, and study skills.

They are identified by an “N” that appears after the course number. Developmental Studies courses are included on the transcript and will be calculated in the academic grade point average, but do not count toward a degree.

On the other hand, College Studies courses do carry academic credit and are designed to help students acquire the attitudes and strategies necessary for college success.

Students’ placement in developmental studies courses will be determined by one or more of the following instruments: ACT assessment, ACT-COMPASS, and locally developed tests. Students must achieve a C or better in courses with “CCD-” prefixes to continue with the next course.

Course Descriptions

Course descriptions appear near the end of this catalog and are listed by course prefix (the letters appearing before a course number). The various prefixes represent different areas of study as shown:

CCDE: Developmental English
CCDL: Developmental Language (ESL)
CCDM: Developmental Mathematics
CCDR: Developmental Reading
COLL: College Studies

General Education Courses

General education courses taught at DACC are lower-division, university-level courses that are the same as those taught at NMSU. They are identified by the “G” that appears after the course number. In addition to meeting DACC graduation requirements, they may also be used to meet requirements for bachelor’s degree programs at NMSU.

DACC students are given priority in enrollment for general education courses taught at the Central and East Mesa campuses. During the 2009-2010 academic year, the priority enrollment period will end two weeks prior to the beginning of each semester or summer session. NMSU students may enroll in these courses after the priority enrollment period has ended.
Transfer Among New Mexico Institutions of Higher Education

Transferring Courses to Fulfill the New Mexico General Education Common Core

The following core matrix of approved courses are guaranteed to transfer and meet general education requirements at any New Mexico college or university. They can be found on the New Mexico Higher Education Department web site at www.hed.state.nm.us. Courses are listed by institution, whether university or community college, under each of the five general education areas.

The New Mexico General Education Common Core (New Mexico Common Course Numbers are in parenthesis where applicable.)

**AREA I: Communications (select 9–10 credits)**

**ENGLISH COMPOSITION LEVEL I:**
- ENGL 111G (ENGL 1114) Rhetoric and Composition 4

**ENGLISH COMPOSITION LEVEL II:**
- ENGL 203G Business and Professional Communication 3
- ENGL 211G Writing in the Humanities and Social Sciences 3
- ENGL 218G (ENGL 2113) Technical and Scientific Communication 3

**ORAL COMMUNICATION:**
- COMM 253G (ENGL 1113) Public Speaking 3
- COMM 265G (ENGL 1213) Principles of Human Communication 3

**AREA II: Mathematics (select 3 credits)**
- MATH 112G Fundamentals of Elementary Math II 3
- MATH 121G (MATH 1113) College Algebra 3
- MATH 142G Calculus for the Biological and Management Sciences 3
- MATH 190G Trigonometry and Pre-calculus 4
- MATH 191G Calculus and Analytic Geometry I 4
- MATH 210G Math Appreciation 3
- STAT/A ST 251G Statistics for Business and the Behavioral Sciences 3

**AREA III: Science with Laboratory (select 8 credits)**
- ASTR 105G The Planets 4
- ASTR 110G (ASTR 1114) Introduction to Astronomy 4
- BIOL 101G+101GL Human Biology & Lab 3+1
- BIOL 111G+111GL Natural History of Life & Lab 3+1
- CHEM 110G (CHEM 1114) Principles and Applications of Chemistry 4
- CHEM 111G General Chemistry I (lab included) 4
- GEOG 111G Geography of the Natural Environment 4
- GEOL 111G (GEOL 1114) Survey of Geology 4
- PHYS 110G The Great Ideas of Physics 4
- PHYS 211G+211GL General Physics I & Lab 3+1

**AREA IV: Social/Behavioral Sciences (select 6–9 cr.)**
- ANTH 125G (ANTH 2113) Introduction to World Cultures 3
- ANTH 201G (ANTH 1113) Introduction to Anthropology 3
- C EP 110G Human Growth and Behavior 3
- CJ 101G Introduction to Criminal Justice 3
- ECON 201G Introduction to Economics 3
- ECON 251G (ECON 2113) Principles of Macroeconomics 3
- ECON 252G (ECON 2123) Principles of Microeconomics 3
- GOVT 100G American National Government 3
- GOVT 110G (POL 1113) Introduction to Political Science 3
- HL S 150G Personal Health and Wellness 3
- JOUR 105G Media and Society 3
- LING 200G Introduction to Language 3
- PSY 201G (PSY 1113) Introduction to Psychology 3
- SOC 101G (SOCI 1113) Introductory Sociology 3
- SOC 201G Contemporary Social Problems 3
- W S 201G Introduction to Women’s Studies 3
- W S 202G Representing Women Across Cultures 3

**AREA V: Humanities and Fine Arts (select 6–9 cr.)**
- ART 101G (ARTS 1113) Orientation in Art 3
- ART 110G Visual Concepts 3
- ENGL 116G Perspectives on Film 3
- ENGL 244G Literature and Culture 3
- HIST 101G (HIST 1053) Roots of Modern Europe 3
- HIST 102G (HIST 1063) Modern Europe 3
- HIST 201G (HIST 1113) Introduction to Early American History 3
- HIST 202G (HIST 1123) Introduction to Recent American History 3
- MUS 101G (MUSI 1013) Introduction to Music 3
- MUS 201G History of Jazz in Popular Music 3
- PHIL 101G The Art of Wondering 3
- PHIL 136G The Quest for God 3
- THTR 101G (THTR 1013) Introduction to Theater 3
New Mexico Common Course Numbers

The course prefix and number that appear in parentheses next to the NMSU course number (in the previous section) is the New Mexico Common Course Number. The common course number connects equivalent courses at multiple institutions, ensuring students that the course will transfer to the receiving institution and meet degree requirements as if it were taken on that campus.

Transferring Courses Within Degree Programs

To facilitate the transfer of courses within certain degree programs, New Mexico colleges and universities have collaborated to develop transferable discipline modules. These are made up of an agreed-upon number of hours and courses. When discipline module courses are taken in addition to the 35-hour general education core, the total number of hours in a transfer module are approximately 64.

Student Responsibility

New Mexico’s colleges and universities have collaborated to produce guides to assist students who plan to transfer before completing a program of study. Course modules are designed to help students select courses carefully so that they may transfer with little or no loss of credit. However, planning for effective transfer with maximum efficiency is ultimately the student’s responsibility. Responsible transfer planning includes early and regular consultation with the intended degree-granting institution to assure that all pre-transfer course work will meet the requirement of the desired degree.

Complaint Procedure for Transfer Credit Appeal

All New Mexico public postsecondary institutions are required to establish policies and practices for receiving and resolving complaints from students or from other complainants regarding the transfer of course work from other public institutions in the state. A copy of NMSU’s complaint policy may be obtained from the Office of the Registrar or from the Deputy Secretary for Academic Affairs, Higher Education Department, New Mexico School for the Deaf Campus, 1068 Cerrillos Road, Santa Fe, New Mexico 87505-1650.

Applying DACC Degrees and Credit Toward Bachelor’s Degree Programs

Many DACC courses may be accepted at NMSU and other universities. When planning to apply DACC credits toward a bachelor’s degree program, it is best to consult with advisors at both DACC and the university that has been selected for continued study.

Articulated Programs of Study

A DACC program is said to be “articulated” when, with adequate planning, most or all of the credits earned in the DACC program may be used to satisfy degree requirements for a baccalaureate degree at another institution. Articulation plans have been developed for the following DACC programs:

- **Associate of Arts Degree** to the NMSU College of Arts and Sciences
- **Associate of Science Degree** to the NMSU College of Arts and Sciences
- **Creative Media Technology** to the NMSU College of Arts and Sciences
- **Criminal Justice** to the Department of Criminal Justice in the NMSU College of Arts and Sciences
- **Early Childhood Education and Education programs** to the NMSU College of Education
- **Pre-Architecture** to the UNM School of Architecture and Planning and Texas Tech University
- **Pre-Business** to the NMSU College of Business
- **Hospitality Services Management** to the Department of Hotel, Restaurant and Tourism Management in the NMSU College of Agricultural, Consumer and Environmental Sciences
- **Public Health** to the Department of Health Science, NMSU College of Health and Social Services
- **Computer- and technology-related associate degree programs** to the NMSU Information and Communication Technology bachelor’s degree program in the Engineering Technology Department, College of Engineering
- **Computer- and technology-related associate degree programs** to programs leading to the Bachelor of Applied Science in Operations Management and Supervision and the Bachelor of Applied Science in Career and Technical Teacher Education at Western New Mexico University
- **Any associate degree** earned at DACC may be applied in its entirety toward the Bachelor of Applied Studies or Bachelor of Individualized Studies degrees offered by NMSU’s College of Extended Learning.

Partially Articulated Programs

A majority of the credits earned in the following associate degree programs at DACC will apply toward meeting bachelor’s degree requirements of specified departments at NMSU:

- **Business Management** to the Department of Agricultural Economics and Agricultural Business in the College of Agricultural, Consumer and Environmental Sciences
- **Electronics** to the Department of Engineering Technology in the NMSU College of Engineering
- **Any associate degree in allied health** to the Department of Health Science in the College of Health and Social Services
- **Hospitality and Tourism** to the Hospitality, Restaurant, and Tourism Management Department, College of Agricultural, Consumer and Environmental Sciences
- **Nursing** to the Department of Nursing, College of Health and Social Services
- **Technical and Industrial Studies programs.** Those planning to teach at the secondary level may apply between 18 and 32 credits of technical subject matter earned in the following DACC programs toward the technology teaching licensure program offered within the bachelor of science degree program in Agricultural and Extension Education (College of Agricultural, Consumer and Environmental Sciences): Automation and Manufacturing Technology; Automotive Technology; Building Construction Technology; Computer and Information Technology; Creative Media Technology; Drafting and Design Technologies; Electrical Apprenticeship; Electronics Technology; Heating, Ventilation, Air Conditioning and Refrigeration; Water Technology; Welding Technology; and the Associate of General Studies program.

For further information, refer to the Transfer and Transition Guides posted on the Web at

http://dabcc.nmsu.edu/SS/AcAd/transition.asp

NOTE: Students who plan to transfer to another institution should always consult that institution’s catalog for the most current information.
## Aerospace Technology

**Associate of Applied Science Degree**

### Certificate of Completion

(575) 527–7599

Aerospace technology refers to the construction, testing, and maintenance of aircraft and space vehicles. Technicians may be involved in the assembly, service, testing, operation, and repair of systems associated with dependable and reusable space launch vehicles and related ground support equipment. The successful candidate in this new field will possess a very broad range of technology-based skills.

The curriculum includes the core skills used in spaceflight technology, as well as instruction in commercial spacelift requirements. It also prepares students for the nationally recognized SpaceTEC certification examination, which qualifies graduates for opportunities at Spaceport America and emerging local aerospace-related industries in southern New Mexico. The broad skills and knowledge students acquire in this program also are applicable to jobs in electronics and manufacturing.

Students may complete the Aerospace Technology program on a part-time basis by taking classes during the evening or during the day.

### Additional Graduation Requirements

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information, at the appropriate level for their respective certificate or degree. To facilitate success in obtaining their Career Readiness Certificate students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

### Associate Degree (69 credits)

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>21 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 203G Business and Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 218G Technical and Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 253G Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>MATH 190 Pre-Calculus/Trigonometry (transfer track)</td>
<td>4</td>
</tr>
<tr>
<td>OR AERT 124 Math for Electronics (career track)</td>
<td></td>
</tr>
<tr>
<td>OR ELT 120 Math for Electronics (career track)</td>
<td></td>
</tr>
<tr>
<td>PSY 201G Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G Introductory Sociology</td>
<td></td>
</tr>
<tr>
<td>PHYS 211G General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>OR PHYS 215 Engineering Physics I</td>
<td></td>
</tr>
<tr>
<td>OR AERT 223, Physics for Aerospace Technicians</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOTE: A final grade of C or better is required in all 100-level technical courses to progress to 200-level technical courses.</td>
<td></td>
</tr>
<tr>
<td>AERT 111 or ELT 105 Basic Electricity and Electronics</td>
<td>3</td>
</tr>
</tbody>
</table>

### Apprenticeship Programs

**Associate of Applied Science Degree**

- Electrical Apprenticeship Option
- Machinist Apprenticeship Option

**Certificate of Completion**

- Electrical Apprenticeship Option
- Machinist Apprenticeship Option

**Electrical Lineworker Certificate**

(575) 527–7591

Apprenticeship programs provide training through a combination of learning experiences, both on the job and in the classroom. These programs are approved by the State Apprenticeship Council and the U.S. Department of Labor. Apprentices typically spend at least 2000 hours per year learning on the job as paid employees of a sponsoring organization, and a minimum of 144 hours per year in related
A program advisor can provide additional information. DACC provides the related classroom instruction for the above apprenticeship programs, sponsored by businesses and organizations in the community.

Whether taking classes or working on a job site, students enrolled in this program will be required to perform the same job duties and be able to meet the same physical requirements that they will as a graduate in the field. Depending where they find employment, graduates may be required to work in inclement weather, lift up to 50 pounds from the ground, have good eye-hand coordination, work safely around electrical hazards using the appropriate safety equipment, work safely using hand and power tools, ascend and descend stairs and ladders to reach installations, and stand, squat, or kneel for long periods of time.

Electrical Lineworker Option. New Mexico electric cooperatives and private firms that perform electrical line work often find it difficult to fill vacancies. DACC’s Electrical Lineworker Program is a one-year certificate program designed to provide students with the technical background and the manual skills necessary for careers in the installation and maintenance of electrical power cables.

As part of the required curriculum, students will be required to work as a cooperative education student with a New Mexico electric cooperative or a private firm that performs electrical line work.

Special Admissions Requirements

Apprentices must gain hands-on experience on the job. For this reason, admission to some classes is limited to students who are registered apprentices.

Additional Graduation Requirements

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate, students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

Certificate (42–49 credits)

Courses required for the certificate have a check mark (✓). To earn the electrical or machinist apprenticeship certificates, students must take OETS 102 in addition.

Electrical Lineworker Certificate (30 credits)

The Electrical Lineworker Certificate option has its own separate requirements that are listed here.

NOTE: Students not possessing a commercial drivers license (CDL) will be required to take AUTO 130, Intro. to Transportation Industry (3 cr.), and AUTO 131, Class A CDL (6 cr.), during the fall semester.

Related Requirements 48 credits

ASSOCIATE DEGREE OPTION: ELECTRICAL APPRENTICESHIP

ASSOCIATE DEGREE OPTION: MACHINIST APPRENTICESHIP

OECS 105 Introduction to Microcomputer Technology
OR OETS 227 Computer Applications for Technicians
OR OETS 102 Career Readiness Certification Preparation

Approved elective

Technical Requirements 48 credits

Choose one of the following two options:

ASSOCIATE DEGREE OPTION: ELECTRICAL APPRENTICESHIP

OEET 151 Electrical Apprenticeship I
OEET 152 Electrical Apprenticeship II
OEET 153 Electrical Apprenticeship III
OEET 154 Electrical Apprenticeship IV
OEET 251 Electrical Apprenticeship V
OEET 252 Electrical Apprenticeship VI
OEET 253 Electrical Apprenticeship VII
OEET 254 Electrical Apprenticeship VIII

ASSOCIATE DEGREE OPTION: MACHINIST APPRENTICESHIP

OEET 118 Mathematics for Technicians
MAT 115 Print Reading for Industry
MAT 151 Introduction to Metalworking I
MAT 152 Introduction to Metalworking II
MAT 153 Basic Machining Tech. I
MAT 154 Basic Machining Tech. II
MAT 205 Statistical Controls for Mfg. Technicians
DRFT 105 Technical Drawing for Industry

Electrical Lineworker Certificate (30 credits)

C S 110 Computer Literacy
OR OETS 102 Career Readiness Certification Preparation

Technical Requirements 23 credits

OEET 110 Basic Electricity & Electronics
OEET 130 Introduction to Electrical Power Systems
OEET 131 Electrical Lineworker Lab I
OEET 140 Electrical Power Systems
OEET 141 Electrical Lineworker Lab II
OEET 221 Cooperative Experience
Associate in General Studies

Associate in General Studies Degree

(575) 527–7519

The Associate in General Studies degree program is intended for those who wish to tailor an associate degree to their own specific needs. It allows students to include courses from a variety of program areas. It is not intended, however, to be a substitute for the Associate of Arts or Associate of Science degree programs, which prepare students for transfer to bachelor's degree programs.

Students who have previously earned an associate degree from DACC or from any other institution are ineligible to receive the Associate in General Studies degree. Similarly, the Associate in General Studies degree will not be awarded concurrently with any other associate degree offered by Doña Ana Community College.

Requirements for this degree are as follows:

1. Complete a total of 66 credit hours (excludes noncredit courses, such as those with an “N” suffix);
2. Complete ENGL 111G with a C or better;
3. Achieve a 2.0 cumulative GPA; and
4. Complete the last 15 hours at any DACC center or NMSU campus. Credits gained through CLEP or ACT, challenge credit, and/or credit from another college/university or correspondence school may not be used to fulfill this 15-hour requirement.

Under the SOCAD agreement, military personnel and their families are exempt from the requirements described in item 4 above.

Associate of Arts

Associate of Arts Degree

(575) 527–7610 or 527–7635

The Associate of Arts degree allows students to complete many of the general education requirements for a bachelor's degree while still at Doña Ana Community College. Students should take electives that apply toward the requirements of their chosen bachelor's degree.

Associate of Arts (66 credits)

Students must complete 66 credits with a minimum cumulative grade-point average of 2.0. The last 15 credits must be completed at DACC or any other campus of New Mexico State University. A minimum of 9 credits in applied courses are accepted for electives (see note 3). New Mexico Common Core courses are listed on page 28 of this catalog. The complete list of approved Common Core courses can be found on the NMHED Web site at www.hed.state.nm.us.

AREA I: Communications 10 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G: Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>OR ENGL 203G: Business &amp; Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 211G: Writing in the Humanities &amp; Social Sciences</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 218G: Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 253G: Public Speaking (see Note 5)</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G: Principles of Human Communication</td>
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</tr>
</tbody>
</table>

NOTE: A grade of C or better is required in Area II courses.

AREA II: Mathematics/Algebra 3 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 121G: College Algebra (see Note 5)</td>
<td>3</td>
</tr>
<tr>
<td>OR MATH 210G: Mathematics Appreciation*</td>
<td></td>
</tr>
<tr>
<td>* May not apply to all B.A. degree plans at NMSU</td>
<td></td>
</tr>
</tbody>
</table>

AREA III: Laboratory Sciences 8 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two courses selected from the following (see Note 5):</td>
<td>8</td>
</tr>
<tr>
<td>ASTR 105G, 110G; BIOL 101G+GL; CHEM 110G, 111G; GEOG 111G; GEOL 111G, 212; PHYS 110G, 211G+GL</td>
<td></td>
</tr>
</tbody>
</table>

AREA IV: Social/Behavioral Sciences 6–9 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select two to three courses from the following (see Note 5):</td>
<td>6–9</td>
</tr>
<tr>
<td>ANTH 120G, 125G, 201G, 202G; CEP 110G; C J 101G; ECON 201G, 251G, 252G; GEOG 120G; GOVT 100G, 110G; HL S 150G; LING 200G; PSY 201G; SOC 101G, 201G; W S 201G, 202G</td>
<td></td>
</tr>
</tbody>
</table>

AREA V: Humanities and Fine Arts 6–9 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select two to three courses from the following (see Note 5):</td>
<td>6–9</td>
</tr>
</tbody>
</table>

Electives sufficient to reach 66 credits

OPTION A: THE HUMANITIES AND FINE ARTS

Students interested in the humanities and fine arts should consider courses with these prefixes:

- ART, DANC, ENGL, HIST, MUS, PHIL, THTR

Second-language courses are recommended if they are required by the bachelor's degree.

OPTION B: SOCIAL AND BEHAVIORAL SCIENCE

Students interested in the social and behavioral sciences should consider courses with these prefixes:

- ANTH, C EP, C J, ECON, GEOG, GOVT, HL S, JOUR, LING, PSY, SOC, S WK, W S

Second-language courses are recommended if they are required by the bachelor's degree.

OPTION C: INTERDISCIPLINARY STUDIES

Courses selected in consultation with advisor. Second-language courses are recommended if they are required by the intended bachelor's degree.

PLEASE NOTE THE FOLLOWING:

1. Check applicable university catalog to determine appropriate math course(s) for intended bachelor's degree.
2. It is recommended that electives be chosen in consultation with an academic advisor and that students plan to take electives to meet the requirements of their planned bachelor’s degree, or specific requirements within the major, such as the foreign language requirements.
Associate of Science Degree

(575) 527-7610 or 527-7635

The Associate of Science degree allows students to complete many of the general education requirements for a bachelor’s degree while still at the community college. Students should take electives that apply toward the requirements of their chosen bachelor’s degree. The science electives may be taken at DACC or at NMSU.

Associate of Science (66 credits)

Students must complete 66 credits with a minimum cumulative grade-point average of 2.0. The last 15 credits must be completed at DACC or any other campus of NMSU. A maximum of 9 credits in applied courses are accepted for electives (see note 3). New Mexico Common Core courses are listed on page 28 of this catalog. The complete list of approved Common Core courses can be found on the NMHED Web site at www.hed.state.nm.us.

AREA I: Communications 10 credits

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<td>OR ENGL 218G Technical &amp; Scientific Communication</td>
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<td>COMM 253G Public Speaking (see Note 6)</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G Principles of Human Communication</td>
<td></td>
</tr>
</tbody>
</table>

NOTE 1: English 218G is required for Option A

Electives—sufficient to reach 66 credits

OPTION A: PHYSICAL SCIENCE AND MATHEMATICS

This option is designed for students planning to enter a baccalaureate program in astronomy, biochemistry, computer science, engineering, geology, math, physics, or related areas. Consult with advisors to select appropriate science sequence below.

Mathematics (6–9 credits): MATH 190G and 191G are required; MATH 192G is recommended.

Laboratory Sciences Core (6–8 credits): At least one of the following sequences, which includes the associated laboratory along with one additional course having the same prefix as the lecture-laboratory sequence (these courses may be completed as part of the Common Core). Consult with advisors to select an appropriate science sequence from those courses listed below, based on desired baccalaureate program.

*ASTR 110G, PHYS 110G, GEOL 111G
CHEM 111G, 112G
CHEM 115, 116
MATH 192G, 291G
PHYS 211G, 211GL, 212G, 212GL
PHYS 213, 213L, 214, 214L

NOTE 1: ASTR 110G, PHYS 110G, GEOL 111G may not be applied toward a specific bachelor of science program. The balance of the electives must be chosen from prefixes listed for the General Science Option.

NOTE 2: English 218G is required for Option A
OPTION B: LIFE SCIENCE

This option is designed for students planning to enter a baccalaureate program in AG, biology, ecology, geography, genetics, microbiology, or related areas:

**Mathematics:** MATH 142 (recommended)

**Laboratory Sciences Core (6–8 credits):** At least one of the following sequences, which includes the associated laboratory along with one additional course having the same prefix as the lecture-laboratory sequence (these courses may be completed as part of the Common Core). Consult with advisors to select an appropriate science sequence from those courses listed below, based on desired baccalaureate program.

- BIO 111G, 111L, 211G, 211L
- CHEM 111G, 112G
- CHEM 115, 116
- PHYS 211G, 211GL, 212, 212L
- PHYS 221, 221L, 222, 222L

The balance of the electives must be chosen from prefixes listed for the General Science Option.

**NOTE:** Either ENGL 211G or ENGL 218G are required for Option B.

OPTION C: GENERAL SCIENCE

Courses are to be selected in consultation with advisor. Second-language courses are recommended if they are required by the intended bachelor's degree.


**NOTE:** Either ENGL 211G or ENGL 218G are required for Option C.

**PLEASE NOTE THE FOLLOWING:**

1. Check applicable university catalog to determine appropriate math course(s) for intended bachelor's degree.
2. It is recommended that electives be chosen in consultation with an academic advisor and that students plan to take electives to meet the requirements of their planned bachelor's degree, or specific requirements within the major, such as the foreign language requirements.
3. Applied Credits: A maximum of nine applied credits from the list that follows, taken in any combination, will be accepted as electives for the Associate of Science degree. Applied courses include those with the following prefixes: OEOH, ARCT, CMT, COLL, DAS, DHYG, DOM, DRTF, ELT, OIFS, HVAC, MAT, NURS, OECIS, OIEEE, RESP, WATR and WELD. Students pursuing a bachelor's degree are strongly encouraged to consult with academic advisors at both DACC and NMSU early in their associate degree program to ensure that their elective credits will apply toward the requirements in their intended bachelor's degree.
4. Nine or more credits, all under one prefix, may be substituted for a single general education (G) course with that same prefix. For example, ART 150, 155, and 156 (totaling 9 credits) could be used in place of the general education course, ART 101G in the NMSU system.
5. Students transferring into a math or science program at NMSU must take their science courses in a sequence, such as CHEM 111G and 112G or BIOL 111G and 211G.
6. Other course options available at DACC and NMSU. The following courses may also be used in fulfillment of Associate of Science Degree requirements. However, they may not necessarily apply to a student's chosen bachelor's degree plan.

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**Automation and Manufacturing Technology**

**Associate of Applied Science Degree**

**Certificates of Completion**

- Automation and Manufacturing
- Basic Manufacturing and Bridge

**(575) 527-7586**

Electromechanical automation and manufacturing is an evolving, high-tech field, with applications in such areas as aerospace, food processing, and the pharmaceutical industry. It offers some of the highest salaries in the industrial sector, along with ample opportunities for rapid advancement. Automation and manufacturing technicians are responsible for production operation, as well as equipment monitoring, adjustment, maintenance, and repair in both routine and emergency situations.

Using modern industrial production equipment, DACC's Automation and Manufacturing Technology program provides training for desirable entry-level positions in electromechanical automated processes, as well as skills upgrading for those already working in the field. The program encourages the development of problem-solving skills, enabling students to adapt quickly to rapidly changing conditions brought on by automation and new technologies. The program is based on skills standards established for the high-tech manufacturing industry by the American Electronics Association’s Workforce Skills Project, among others.

Students learn systems interfacing and automation using digital control circuits, programmable logic controllers (PLC), and computer-controlled interfaces. Hands-on preventive and corrective maintenance procedures are taught in modern laboratory facilities using the same state-of-the-art, automated production equipment found in the manufacturing industry.

The program's curriculum includes first-year DC, AC, digital logic, and solid-state electronic-circuit analysis courses from the Electronics Technology program.

Graduates of the Automation and Manufacturing Technology program are prepared to operate, maintain, and troubleshoot automated systems which may include electromechanical, pneumatic, hydraulic, ultrahigh-vacuum, and Power-RF plasma subsystems.

Whether taking classes or working on a job site, students enrolled in this program will be required to perform the same job duties and be able to meet the same physical requirements that they will as a graduate in the field. Depending where they find employment,
graduates may be required to lift and carry 50 pounds safely, to work safely using hand and power tools, to work safely on electrical equipment, to ascend and descend ladders, and to stand, squat, stoop, or kneel for long periods of time.

**Additional Graduation Requirements**

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate, students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

**Associate Degree (67 credits)**

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus. Those planning to continue their studies at NMSU should choose the courses in italics whenever possible.

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>21 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 203G Business and Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong> ENGL 218G Technical and Scientific Communication</td>
<td></td>
</tr>
<tr>
<td><strong>OR</strong> BOT 209 Business and Technical Communications</td>
<td></td>
</tr>
<tr>
<td>COMM 253G Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong> COMM 265G Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>PSY 201G Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong> SOC 101G Introductory Sociology</td>
<td></td>
</tr>
<tr>
<td><strong>OR</strong> BMGT 240 Human Relations</td>
<td></td>
</tr>
</tbody>
</table>

Choose one of the pairs of PHYS courses:

| PHYS 211G General Physics I (3) + PHYS 211GL General Physics I Laboratory (1) |
| PHYS 215G Engineering Physics I (3) + PHYS 215GL Engineering Physics I Laboratory (1) |

**Technical Requirements** 46 credits

<table>
<thead>
<tr>
<th>Technical Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRFT 114 Intro. to Mechanical Drafting &amp; Solid Modeling</td>
</tr>
<tr>
<td>ELT 110 Electronics I</td>
</tr>
<tr>
<td>ELT 135 Electronics II</td>
</tr>
<tr>
<td>ELT 160 Digital Electronics I</td>
</tr>
<tr>
<td>ELT 205 Semiconductor Devices</td>
</tr>
<tr>
<td>ELT 225 Computer Applications for Technicians</td>
</tr>
<tr>
<td>ELT 235 Digital II</td>
</tr>
<tr>
<td><strong>OR</strong> MAT 240 Electromechanical Devices</td>
</tr>
<tr>
<td>MAT 105 Introduction to Manufacturing</td>
</tr>
<tr>
<td>MAT 115 Print Reading for Industry</td>
</tr>
<tr>
<td>MAT 205 Statistical Process Control for Manufacturing Technicians</td>
</tr>
<tr>
<td>MAT 235 Programmable Logic Controllers Pneumatics</td>
</tr>
<tr>
<td>MAT 245 Electromechanical Systems</td>
</tr>
</tbody>
</table>

OETS 102 Career Readiness Certification Preparation 1

Related electives, PLTW courses, additional core requirements 3

**Certificate:**

**Automation & Manufacturing Technology (41 credits)**

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus. Those planning to continue their studies at NMSU should choose the courses in italics whenever possible.

**Technical Requirements** 41 credits

<table>
<thead>
<tr>
<th>Technical Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELT 110 Electronics I</td>
</tr>
<tr>
<td><strong>OR</strong> MATH 190 Trigonometry and Pre-Calculus</td>
</tr>
<tr>
<td><strong>OR</strong> ELT 120 Math for Electronics</td>
</tr>
<tr>
<td>ELT 135 Electronics II</td>
</tr>
<tr>
<td>ELT 160 Digital Electronics I</td>
</tr>
<tr>
<td>MAT 105 Introduction to Manufacturing</td>
</tr>
<tr>
<td>MAT 106 Applied Manufacturing Practices</td>
</tr>
<tr>
<td>MAT 108 Metrology, Safety and Quality Control for Manufacturing</td>
</tr>
<tr>
<td>MAT 110 Machine Operation and Safety</td>
</tr>
<tr>
<td>MAT 115 Print Reading for Industry</td>
</tr>
<tr>
<td>MAT 205 Statistical Process Control for Manufacturing Technicians</td>
</tr>
<tr>
<td>MAT 235 Programmable Logic Controllers Pneumatics</td>
</tr>
<tr>
<td>MAT 245 Electromechanical Systems</td>
</tr>
</tbody>
</table>

**Certificate:**

**Basic Manufacturing and Bridge Program (18 credits)**

**Technical Requirements** 18 credits

<table>
<thead>
<tr>
<th>Technical Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELT 105 Basic Electricity and Electronics</td>
</tr>
<tr>
<td>MAT 105 Introduction to Manufacturing</td>
</tr>
<tr>
<td>MAT 106 Applied Manufacturing Practices</td>
</tr>
<tr>
<td>MAT 108 Metrology, Safety and Quality Control for Manufacturing</td>
</tr>
<tr>
<td>MAT 110 Machine Operation and Safety</td>
</tr>
<tr>
<td>MAT 115 Print Reading for Industry</td>
</tr>
</tbody>
</table>

**Automotive Technology**

**Associate of Applied Science Degree**

**Certificate of Completion**

**(575) 527-7754 or 527-7594**

The automobile has always created a steady demand for automotive technicians. Today, automotive service is one of the fastest-growing industries in the nation, and career opportunities are expanding rapidly. The Automotive Technology program at Doña Ana Community College is certificated by NATEF/ASE (National Automotive Tech-
nicians Education Foundation/Automotive Service Excellence) and is designed to prepare the student for an entry-level position as a line technician, shop foreman, service writer, service manager, or business owner. Completing courses, certificates, and/or degrees from an NATEF certified school will enhance students’ ability to gain employment as well as better prepare them to become NATEF certified.

Students are trained using state-of-the-art equipment. In the laboratories, they practice the same service and repair techniques required of any professional service technician working in the real world. Each class includes a number of carefully selected competencies that must be mastered in order to successfully complete the program. Students are trained in the areas of—

- Engine service
- Manual drive train and axles
- Brakes
- Heating and air conditioning
- Automatic transmission/transaxle
- Suspension and steering
- Electrical systems
- Fuel and emissions
- Engine performance

The Automotive Technology program also offers two commercial driving classes (CDL), AUTO 130 and AUTO 131, that prepare students for the CDL exam.

Classes are offered in the daytime and also at night to accommodate work schedules.

Full-time Automotive Technology students must purchase a personal set of automotive technician’s tools, at an approximate cost of $850, and should provide their own safety glasses, medical/accident insurance. The tool set includes the basic tools that most employers require for an entry-level position. Part-time students will purchase only those tools required by the specific course(s) in which they are enrolled.

All Automotive Technology students are encouraged to join SkillsUSA (formerly known as VICA Vocational Industrial Clubs of America). SkillsUSA membership provides students an opportunity to develop their leadership skills and to become proficient in public speaking and parliamentary procedure. SkillsUSA also offers students an opportunity to demonstrate their occupational skills through competitions that are held annually on both the state and national level.

Whether taking classes or working on a job site, students enrolled in this program will be required to perform the same job duties and be able to meet the same physical requirements that they will as a graduate in the field. Graduates may be required to lift and carry 50 pounds safely, work safely using hand and power tools and electrical equipment, and stand, squat, stoop, or kneel for long periods of time.

**Additional Graduation Requirements**

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate students will be required to take 1 credit of OETS 102, *Career Readiness Certification Preparation*. A program advisor can provide additional information.

**Associate Degree (68 credits)**

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>10 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G  Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>COMM 253G  Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G Principles of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>BMGT 240  Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>OR PSY 201G Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G Introductory Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Related Requirements</th>
<th>18 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 209  Business &amp; Technical Communications</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 203G Business and Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 218G Technical and Scientific Communication</td>
<td>3</td>
</tr>
<tr>
<td>BMGT approved elective</td>
<td>3</td>
</tr>
<tr>
<td>C S 110  Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR Oecs 105 Introduction to Microcomputer Technology</td>
<td>3</td>
</tr>
<tr>
<td>OR Oecs 227 Computer Applications for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>DRFT 190 Finding &amp; Maintaining Employment</td>
<td>2</td>
</tr>
<tr>
<td>OETS 102 Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
<tr>
<td>AUTO 118 Technical Math for Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>OR OETS 118 Mathematics for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>Approved elective</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>40 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 112  Basic Gasoline Engines</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 117  Electronic Analysis &amp; Tune-up of Gasoline Engines</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 119  Manual Transmission/Clutch</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 120  Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 125  Brakes</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 126  Suspension, Steering, and Alignment</td>
<td>5</td>
</tr>
<tr>
<td>AUTO 127  Basic Automatic Transmission</td>
<td>4</td>
</tr>
<tr>
<td>OR AUTO 132 Automotive Air Conditioning &amp; Heating Systems</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 137  Fuel Systems and Emission Controls</td>
<td>4</td>
</tr>
<tr>
<td>AUTO 221  Cooperative Experience</td>
<td>3</td>
</tr>
</tbody>
</table>

**Certificate (13-15)**

**Technical Requirements** 13–15 credits

| AUTO 120  Electrical Systems | 4 |
| OETS 102  Career Readiness Certification Preparation | 1 |

Two of the following courses: 8–10

| AUTO 112  Basic Gasoline Engines | 5 |
| AUTO 117  Electronic Analysis/Tune-up of Gas Engines | 5 |
| AUTO 119  Manual Transmission/Clutch | 5 |
| AUTO 125  Brakes | 5 |
| AUTO 126  Suspension, Steering, and Alignment | 5 |
| AUTO 127  Basic Automatic Transmission | 4 |
| OR AUTO 132 Automotive Air Conditioning & Heating Systems | 4 |
| AUTO 137  Fuel Systems and Emission Controls | 4 |
Building Construction Technology

Certificate of Completion

(575) 527–7595

The certificate in Building Construction Technology is a one-year program that prepares students for entry-level positions within the growing construction industry. Affording much hands-on participation, the curriculum includes safety, basic math skills, blueprint reading, use of hand and power tools, basic surveying, wood building materials, concrete work, masonry skills, painting, and communication skills. This competency- and performance-based program follows nationally recognized NCCER certification standards.

Students may enroll on a full-time or part-time basis. Many courses are offered in the evening to accommodate students’ work schedules. Students are required to purchase steel-toed boots, at a cost of approximately $75.00, and a set of hand tools, at a cost of approximately $75.00, by the second week of the first Building Construction Technology program course they enroll in.

All Building Construction Technology students are encouraged to join SkillsUSA. Membership provides students an opportunity to develop their leadership skills and to become proficient in public speaking and parliamentary procedure. SkillsUSA also offers students a chance to demonstrate their occupational skills. Skill competitions are conducted each year in New Mexico for all post-secondary students.

Whether taking classes or working on a job site, students enrolled in this program will be required to perform the same job duties and be able to meet the same physical requirements that they will as a graduate in the field. Depending where they find employment, graduates may be required to work in inclement weather, lift up to 50 pounds from the ground, have good eye-hand coordination, work safely around electrical hazards using the appropriate safety equipment, work safely using hand and power tools, ascend and descend stairs and ladders, and stand, squat, or kneel for long periods of time.

Additional Graduation Requirements

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

Certificate (42 credits)

NOTE: Students must receive a final grade of C or better in all BCT and OETS courses, and achieve a cumulative grade-point average of at least 2.0. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Related Requirements 10 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C S 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR O ECS 105</td>
<td>Introduction to Microcomputer Technology</td>
<td></td>
</tr>
<tr>
<td>COMM 265C</td>
<td>Principles of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>OETS 102</td>
<td>Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
<tr>
<td>OETS 118</td>
<td>Math for Technicians</td>
<td>3</td>
</tr>
</tbody>
</table>

Technical Requirements 32 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRFT 151</td>
<td>Construction Principles and Blueprint Reading</td>
<td>3</td>
</tr>
<tr>
<td>BCT 101</td>
<td>Introduction to Construction I</td>
<td>2</td>
</tr>
<tr>
<td>BCT 102</td>
<td>Introduction to Construction II</td>
<td>2</td>
</tr>
<tr>
<td>BCT 103</td>
<td>Introduction to Construction Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>BCT 107</td>
<td>Painting I</td>
<td>4</td>
</tr>
<tr>
<td>BCT 108</td>
<td>Painting Level II</td>
<td>4</td>
</tr>
<tr>
<td>BCT 111</td>
<td>Small Equipment Maintenance and Repair</td>
<td>4</td>
</tr>
<tr>
<td>BCT 114</td>
<td>Basic Carpentry</td>
<td>3</td>
</tr>
<tr>
<td>BCT 115</td>
<td>Carpentry Level I</td>
<td>3</td>
</tr>
<tr>
<td>BCT 116</td>
<td>Basic Carpentry Lab</td>
<td>2</td>
</tr>
<tr>
<td>BCT 217</td>
<td>Building and the Environment</td>
<td>2</td>
</tr>
</tbody>
</table>

Business Management

Associate of Business Occupations Degree

- Finance and Banking Services Emphasis
- General Management Emphasis
- Real Estate Emphasis
- Retail Marketing and Merchandising Emphasis

Certificates of Completion

- General Certificate
- Business Fundamentals
- Advertising Representative
- Real Estate Planning and Development

(575) 527–7640

If you’ve always wanted to work in the fast-paced world of business, the Business Management program at DACCC is your ticket to success. The need for supervisors and managers in business organizations continues to grow with the economy, and our students are filling those positions. The experience and education you receive through the Business Management program prepare you to assume the responsibility of supervising and managing business operations.

The Business Management program, through a curriculum of practical training courses, general education courses, and selected elective classes that target a specific industry or business, can help prepare you for an entry-level supervisory or management position. You may take courses as diverse as Introduction to Supervision, Business Law, Economics, Computer Spreadsheet Applications, and Business Finance.

The program also includes fifteen credit hours of electives, allowing you to customize your course of study and concentrate in a particular instructional area. You may choose courses from four areas of emphasis: General Management, Real Estate, Retail Marketing and Merchandising, and Finance and Banking. You also may customize an option by seeking advising from a faculty member to plan a series of elective courses that match your interest and career goals.

Graduates of the Business Management program can apply most of their courses toward either of two bachelor’s degree programs at NMSU: agricultural economics and agricultural business (offered by the College of Agricultural, Consumer, and Environmental Sciences), or applied studies (offered by the College of Extended Learning).

Associate Degree (69 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.
Core/General Education Requirements 19 credits

ENGL 111G Rhetoric and Composition 4
COMM 253G Public Speaking 3
OR COMM 265G Principles of Human Communication
BOT 106 Business Mathematics 3
OR MATH 120 Intermediate Algebra
BOT 209 Business and Technical Communication 3
OR ENGL 203G Business and Professional Communication
OR ENGL 218G Technical and Scientific Communication
OECs 105 Introduction to Microcomputer Technology 3
OR C S 110 Computer Literacy
PSY 201G Introduction to Psychology 3
OR SOC 101G Introductory Sociology

Related/Professional Requirements 21 credits

BOT 120 Accounting Procedures I 3
OR ACCT 252 Financial Accounting
ECON 201G Introduction to Economics 3
OR ECON 251G Principles of Macroeconomics
OR ECON 252G Principles of Microeconomics
Technology-related approved elective: 3
OECs 215 Spreadsheet Applications
OR OECs 220 Database Application/Design
OR BOT 211 Information Processing I
OR BOT 217 PowerPoint Presentations
BMGT 110 Introduction to Business 3
OR BUSA 111 Business in a Global Society
BMGT 140 Principles of Supervision I 3
OR MGT 201 Introduction to Management
BMGT 175 Introduction to Business Finance 3
OR FIN 206 Introduction to Finance
BMGT 210 Marketing 3
OR MKTG 203 Introduction to Marketing

Technical/Major Requirements 29 credits

BMGT 201 Work Readiness and Preparation 2
BMGT 221 Cooperative Experience I 3
BMGT 231 Legal Issues in Business 3
OR BLAW 316 Legal Environment of Business
BMGT 240 Human Relations 3
BMGT 290 Applied Business Capstone 3

Emphasis 15
Choose courses totaling 15 credits from the following areas of emphasis (or as approved by an advisor). It is permissible to combine courses from more than one area.

FINANCE AND BANKING SERVICES EMPHASIS
BMGT 112 Principles of Banking (3)
BMGT 213 Consumer Lending (3)
BMGT 215 Banks and the Money Supply (3)
BMGT 225 Intro. to Commercial Lending (3)
BMGT 233 Law and Banking (3)
BMGT 235 Credit Administration (3)
BMGT 245 Bank Investments (3)

GENERAL MANAGEMENT EMPHASIS
BMGT 212 Supervisory/Leadership Trends (3)
BMGT 248 Intro. to Quality Management (3)
BMGT 250 Diversity in the Workplace (3)
BMGT 277 Small Business Management (3)
BMGT 280 Intro. to Human Resources (3)
BMGT 282 Intro. to International Business Mgt. (3)
BMGT 285 Intro. to Mfg. Operations (3)
BMGT 286 Introduction to Logistics (3)
BMGT 287 Introduction to Export/Import (3)

REAL ESTATE EMPHASIS
BMGT 260 Real Estate Practice (3)
BMGT 261 Real Estate Appraisal (3)
BMGT 263 Real Estate Sales Techniques (3)
BMGT 264 Real Estate Law (3)
BMGT 265 Real Estate Finance (3)
BMGT 268 Real Estate Broker's Basic (3)

RETAIL MARKETING AND MERCHANDISING EMPHASIS
BMGT 126 Retail Management (3)
BMGT 132 Principles of Selling (3)
BMGT 136 Fund. of Buying & Merchandising (3)
BMGT 138 Advertising (3)
BMGT 205 Customer Svc. Practices/Tech. (3)
BMGT 239 Visual Marketing Techniques (3)

General Certificate (24–25 credits)

Core Requirements 6–7 credits

BOT 105 Business English I (3) 3–4
OR ENGL 111G Rhetoric and Composition
BOT 106 Business Mathematics 3
OR MATH 120 Intermediate Algebra

Related Requirements 3 credits

OECs 105 Introduction to Microcomputer Technology 3
OR C S 110 Computer Literacy

Technical Requirements 15 credits

BMGT 110 Introduction to Business 3
OR BUSA 111 Business in a Global Society
BMGT 140 Principles of Supervision I 3
OR MGT 201 Introduction to Management
Choose courses totaling 9 credits from one or more of the emphases listed for the associate degree.

Business Fundamentals Certificate (12–13 credits)

Core Requirements 12–13 credits

BOT 105 Business English I 3–4
OR one of the following: BOT 109, 209; ENGL 111G, 203G, 211G, 218G
BOT 106 Business Mathematics 3
OR one of the following: MATH 120, 121G, 142G, 180, 190G, 191G, 192G, 210G, 291G
BMGT 110 Introduction to Business 3
BMGT 240 Human Relations 3
OR PSY 201G Introduction to Psychology
OR SOC 101G Introductory Sociology
Advertising Representative Certificate (15 credits)

Core Requirements 15 credits

BMGT 132 Principles of Selling 3
BMGT 138 Advertising 3
BMGT 210 Marketing OR MKTG 203 Introduction to Marketing 3
CMT 140 Print Media I 3
CMT 180 Principles of Media Design 3

Real Estate Planning and Development (18 credits)

Core Requirements 18 credits

BMGT 262 Commercial Property Management 3
BMGT 266 Commercial and Industrial Development 3
BMGT 267 Commercial Property Appraisal and Evaluation 3
BMGT 269 Financial Lending Practices for Development Projects 3
BMGT 270 Urban Development and Renewal 3
BMGT 278 Sustainability in Real Estate Development 3

Business Office Technology

Associate of Business Office Technology Degree

- Accounting Assistant Option
- Administrative Assistant Option
- Legal Office Assistant Option
- Medical Office Assistant Option

Certificate of Completion

- Bilingual Office Specialist Option
- General Office Assistant Option

Medical Billing Certificate

Medical Transcription Certificate (575) 527-7579

Because today’s business world is constantly being transformed by new information processing technologies, employment opportunities in office careers are on the rise. The smooth functioning of today’s automated office depends on the support of well-trained administrative, accounting, legal office, and medical office assistants.

If you find satisfaction in working as a team member, are well organized, and enjoy meeting and helping new people, Business Office Technology could be the right program for you. This program has some significant advantages: it not only allows you to specialize in an area of interest to you, but it also provides a fast track to an entry-level position. Students may obtain a general office assistant certificate of completion in as little as one year and then begin earning money while studying for their associate degree.

By studying a second year toward the associate degree in Business Office Technology, you can prepare for a more challenging position as either a general administrative assistant, accounting assistant, legal office assistant, or medical office assistant. You will learn to use state-of-the-art microcomputers, become familiar with various up-to-date software applications, and become proficient in a specific area of study.

Because our region values bilingual (Spanish/English) skills in the workplace, students already possessing ability in Spanish have the opportunity to enroll in two courses to further enhance their Spanish communication skills. These courses are part of the Bilingual Office Specialist Certificate.

Employment opportunities for administrative assistants, accounting assistants, legal office assistants, and medical office assistants continue to grow on average between 10 and 20 percent each year in a broad variety of industries and businesses. Current salary ranges can be found in the Occupational Outlook Handbook at the U.S. Department of Labor web site: http://www.bls.gov.

Associate Degree (67–70 credits)

NOTE: Courses appearing in italics may be applied toward a bachelor’s degree at New Mexico State University.

Core/General Education Requirements 19 credits

ENGL 111G Rhetoric and Composition 4
COMM 253G Public Speaking 3
OR COMM 265G Principles of Human Communication
BOT 106 Business Mathematics 3
BOT 209 Business and Technical Communications 3
ECON 201G Introduction to Economics 3
OR ECON 251G Principles of Macroeconomics
OR ECON 252G Principles of Microeconomics
BMGT 240 Human Relations 3
OR PSY 210G Introduction to Psychology
OR SOC 101G Introductory Sociology

Related/Professional Requirements 27–30 credits

BOT 102 Keyboarding–Document Formatting 3
BOT 105 Business English I 0 or 3
NOTE: Business English placement test will determine whether BOT 105 is required before taking BOT 109.

BOT 109 Business English II 3
BOT 110 Records Management 3
BOT 120 Accounting Procedures I 3
BOT 211 Information Processing I 3
BOT (or HIT) 221/222 Cooperative Experience VII 1–3
NOTE: BOT (or HIT) 221/222 is restricted to majors. A maximum of 6 credits of BOT (or HIT) 221 and 222 may be applied toward a degree.

BMGT 140 Principles of Supervision 3
OR BMGT 110 Introduction to Business
OR BMGT elective
BOT 239 Personal Development (3) 2–3
OR BMGT 201 Work Readiness and Preparation (2)
BOT 215 Spreadsheet Applications 3
OR OECS 215 Spreadsheet Applications
Technical/Major Requirements 21 credits

Choose one of the following four options: 21

**ACCOUNTING ASSISTANT OPTION**
- BOT 121 Accounting Procedures II (3)
- BOT 140 Payroll Accounting (3)
- BOT 203 Office Equipment & Procedures I (3)
  **OR** BOT 250 Electronic Office Systems
- BOT 205 Microcomputer Accounting I (3)
- BOT 206 Microcomputer Accounting II (3)
- BOT 241 Auditing and Business Issues (3)
- BOT 244 Tax Preparation (3)

**ADMINISTRATIVE ASSISTANT OPTION**
- BOT 202 Keyboarding—Document Production (3)
- BOT 203 Office Equipment & Procedures I (3)
- BOT 207 Machine Transcription (3)
- BOT 217 PowerPoint Presentations (3)
  **OR** BOT approved elective
- BOT 218 Information Processing II (3)
- BOT 250 Electronic Office Systems (3)
- BOT 270 BOT Capstone (3)

**LEgal OFFICE AssISTANT OPTION**
- BOT 202 Keyboarding—Document Production (3)
- BOT 203 Office Equipment & Procedures I (3)
- BOT 207 Machine Transcription (3)
- BOT 218 Information Processing II (3)
- BOT 270 BOT Capstone (3)
- PL S 160 Legal System for the Paralegal (3)
- PL S approved elective (3)

**MEDICAL OFFICE ASSISTANT OPTION**
- HIT 150 Introduction to Medical Terminology (3)
  **OR** OEH O 120 Medical Terminology
- HIT 158 Advanced Medical Terminology (3)
- BOT 202 Keyboarding—Document Production (3)
- BOT 208 Medical Office Procedures (3)
- BOT 218 Information Processing II (3)
- BOT 223 Medical Transcription I (3)
- BOT 228 Medical Insurance Billing (3)

Business Office Technology

Business Office Technology Certificates

Two 36-credit Business Office Technology certificate options are available. The General Business Office Technology option prepares students for receptionist, clerk-typist, or other entry-level positions. The Bilingual Office Specialist option qualifies students for positions requiring Spanish-English language proficiency. Also available are 15-credit specialized certificates in Medical Billing and Medical Transcription. Coursework for the certificates are applicable toward the Business Office Technology and/or Health Information Technology associate degrees.

**Business Office Technology Certificate (36–37 credits)**

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>36–37 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 101 Keyboarding Basics</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong> BOT 135 Keyboarding Technique Review</td>
<td></td>
</tr>
<tr>
<td><strong>OR</strong> BOT approved elective</td>
<td></td>
</tr>
<tr>
<td>BOT 102 Keyboarding—Document Formatting</td>
<td>3</td>
</tr>
<tr>
<td>BOT 105 Business English I</td>
<td>3</td>
</tr>
<tr>
<td>BOT 106 Business Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>BOT 109 Business English II</td>
<td>3</td>
</tr>
<tr>
<td>BOT 110 Records Management</td>
<td>3</td>
</tr>
<tr>
<td>BOT 120 Accounting Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>BOT 211 Information Processing I</td>
<td>3</td>
</tr>
<tr>
<td>BMGT 140 Principles of Supervision</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong> BMGT 110 Introduction to Business</td>
<td></td>
</tr>
<tr>
<td><strong>OR</strong> BMGT approved elective</td>
<td></td>
</tr>
</tbody>
</table>

Choose one of the following two options: 9–10

**BILINGUAL OFFICE SPECIALIST OPTION**
- BOT 170 Office Communication in Spanish I (3)
- BOT 171 Office Communication in Spanish II (3)
- BOT (or HIT) 221 Cooperative Experience I (1)
  **OR** BOT 190 Career Exploration (1)
- BOT 239 Personal Development (3)
  **OR** BMGT 201 Work Readiness & Preparation (2)

**GENERAL OFFICE ASSISTANT OPTION**
- BOT 203 Office Equipment & Procedures I (3)
  **OR** BOT 250 Electronic Office Systems (3)
  **OR** HIT 150 Introduction to Medical Terminology* (3)
  **OR** OEH O 120 Medical Terminology* (3)
  **NOTE:** HIT 150 or OEH O 120 should be taken only by those who plan to pursue the BOT associate degree with the option in Medical Office Assistant.
- BOT (or HIT) 221 Cooperative Experience I (1)
  **OR** BOT 190 Career Exploration (1)
- BOT 239 Personal Development (3)
  **OR** BMGT 201 Work Readiness & Preparation (2)
- BOT approved elective (3)

Business Office Technology

Medical Transcription Certificate (15 credits)

**NOTE:** Students who lack prior health and/or general office experience may need to take course-related prerequisites.

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>15 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT 150 Introduction to Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong> OEH O 120 Medical Terminology</td>
<td></td>
</tr>
<tr>
<td>HIT 158 Advanced Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>BOT 207 Machine Transcription</td>
<td>3</td>
</tr>
<tr>
<td>BOT 223 Medical Transcription I</td>
<td>3</td>
</tr>
<tr>
<td>BOT 233 Advanced Medical Transcription</td>
<td>3</td>
</tr>
</tbody>
</table>

Business Office Technology

Medical Billing Certificate (15 credits)

**NOTE:** Students who lack prior health and/or general office experience may need to take course-related prerequisites.

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>15 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT 150 Introduction to Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td><strong>OR</strong> OEH O 120 Medical Terminology</td>
<td></td>
</tr>
<tr>
<td>HIT 158 Advanced Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HIT 248 Medical Coding I</td>
<td>3</td>
</tr>
<tr>
<td>HIT 258 Medical Coding II</td>
<td>3</td>
</tr>
<tr>
<td>BOT 228 Medical Insurance Billing</td>
<td>3</td>
</tr>
</tbody>
</table>
Computer and Information Technology

Associate of Applied Science Degree

- IT Specialist Option
- Networking Option
- Programming Option

Certificate of Completion

(575) 527-7668

The field of computer and information technology represents a growing job market that continues to expand both locally and throughout the world. Skilled personnel are in high demand to design, configure and troubleshoot integrated systems using a variety of interconnected devices and platforms. Current opportunities exist in software support, hardware repair, network security, information management, systems analysis, web development, game design, and computer programming.

Responding to employer demands, DACC’s Computer and Information Technology Department instructs students using state-of-the-art equipment and real-world, career-based case studies. Computer and Information Technology graduates are the problem-solvers that employers hire to upgrade existing systems and deploy new technologies.

In addition to receiving practical hands-on training, students also have the opportunity to obtain industry certifications in the following fields of study:

- Cisco Network Administration
- Computer Maintenance Essentials
- Computer Programming
- Internet Technologies
- Linux/Unix Operating Systems
- Microsoft Operating Systems

Associate Degree (67–68 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Core/General Education Requirements 19 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
<td>Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>BOT 209</td>
<td>Business &amp; Technical Communications</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 203G</td>
<td>Business &amp; Professional Communication</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 211G</td>
<td>Writing in the Humanities &amp; Social Sciences</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 218G</td>
<td>Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 253G</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G</td>
<td>Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>MATH 120</td>
<td>Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>OR Appropriate technology-related math course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCIS 110</td>
<td>Introduction to Computerized Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>OR CS 110</td>
<td>Computer Literacy</td>
<td></td>
</tr>
<tr>
<td>OR E T 120</td>
<td>Computational and Presentation Software</td>
<td></td>
</tr>
<tr>
<td>BMGT 240</td>
<td>Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>OR one of the following: ANTH 125G, 201G; C J 101G; GOVT 100G, 110G; PSY 201G; SOC 101G, 201G</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Related/Professional Requirements 18 credits

Select 9 credits from the following list:

- A ST 251; ACCT 251, 252; BMGT 110, 140,
- BMGT 212, 248, 286, BOT 120; BUSA 111;
- ECON 201G, 251G, 252G; FIN 206;
- MKTG 203; MGT 201; STAT 251G

- OECS 220 Database Application and Design
- OECS 221 Cooperative Experience I
- Programming-related approved electives

Technical/Professional Requirements 30–31

NOTE: If a student has no basic typing skills, BOT 101 is a prerequisite for all OECS courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OECS 128</td>
<td>Operating Systems—Linux/Unix</td>
<td>3</td>
</tr>
<tr>
<td>OECS 185</td>
<td>PC Maintenance and Selection</td>
<td>3</td>
</tr>
<tr>
<td>OR OECS 227</td>
<td>Computer Applications for Technicians</td>
<td></td>
</tr>
<tr>
<td>OR E T 283</td>
<td>Hardware PC Maintenance (not offered at DACC)</td>
<td></td>
</tr>
<tr>
<td>OECS 207</td>
<td>Windows</td>
<td>3</td>
</tr>
<tr>
<td>OECS 250</td>
<td>Systems Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>OR OECS 290</td>
<td>Computer Technology Capstone</td>
<td></td>
</tr>
<tr>
<td>OECS 261</td>
<td>Computer Network Design</td>
<td>4</td>
</tr>
<tr>
<td>OR E T 153</td>
<td>Introduction to Computer Networks* (3)</td>
<td></td>
</tr>
<tr>
<td>OR E T 155</td>
<td>Network Operating Systems* (3)</td>
<td></td>
</tr>
<tr>
<td>OR E T 273</td>
<td>Fundamentals of Networking Communications I* (3)</td>
<td></td>
</tr>
</tbody>
</table>

Choose one of the following options.

IT SPECIALIST OPTION

Computer-related approved electives (15)

NETWORKING OPTION

Select 15 credits from the following:


PROGRAMMING OPTION

Computer-related approved electives (9)

Programming electives selected from the following (6)

- BCIS 122, 222; CS 117, 157, 167, 171, 177, 187;
- E T 253*, 283*; OECS 140, 141, 145, 146, 150, 192, 193, 195, 216, 218, 235, 245, 246

* Course not offered at DACC

Certificate (18–19 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Core/Major Requirements 3 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT 140</td>
<td>Principles of Supervision</td>
<td>3</td>
</tr>
<tr>
<td>OR BMGT 240</td>
<td>Human Relations</td>
<td></td>
</tr>
<tr>
<td>OR ANTH 123G</td>
<td>Introduction to World Cultures</td>
<td></td>
</tr>
<tr>
<td>OR ANTH 201G</td>
<td>Introduction to Anthropology</td>
<td></td>
</tr>
<tr>
<td>OR C J 101G</td>
<td>Introduction to Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>OR GOVT 100G</td>
<td>American National Government</td>
<td></td>
</tr>
<tr>
<td>OR GOVT 110G</td>
<td>Introduction to Political Science</td>
<td></td>
</tr>
<tr>
<td>OR PSY 201G</td>
<td>Introduction to Psychology</td>
<td></td>
</tr>
<tr>
<td>OR SOC 101G</td>
<td>Introductory Sociology</td>
<td></td>
</tr>
<tr>
<td>OR SOC 201G</td>
<td>Contemporary Social Problems</td>
<td></td>
</tr>
</tbody>
</table>

* Course not offered at DACC
Creative Media Technology
FOR FILM AND DIGITAL ARTS

Associate of Applied Science Degrees
• Creative Media Technology
• Digital Graphics Technology

Certificates of Completion
• Creative Media
• Digital Audio
• Digital Graphics
• Digital Video
• Film Crew Training
• Game Design
• Graphics and Animation
• Web Design

(575) 528–7310

Because we live in the age of information, there is an ever-growing need for trained specialists with a visual sophistication to design printed materials and web sites, produce videos and films, create animated scenes and characters, and participate in game design. Effective visual communication and interaction is essential in today’s world.

The program in Creative Media Technology for Film and Digital Arts has been developed in response to all of these needs. It provides a strong but versatile foundation by merging design and digital media into an exciting course of study. The program brings together various dynamic technologies, including print media, web design, multimedia, digital photography, animation, and digital film.

Because the field is extremely varied, the CMT program offers a number of pathways:

• The Creative Media degree provides a foundation for students who are looking for professional opportunities in the areas of filmmaking, computer animation, digital video production, game design, and multimedia.

• The Digital Graphics degree emphasizes graphic design, print media, and web design, but also includes fundamentals in animation, multimedia, and digital film.

• The program also offers certificates in specialized areas such as creative media, digital audio, digital graphics, digital video, web design, graphics and animation, game design, and filmcrew training and certification.

The future is bright for graduates of the CMT program, whether they choose to enter the job market immediately or pursue a bachelor’s degree. Several transition tracks open the way for graduates of the Creative Media and Digital Graphics associate degree programs to continue their education at New Mexico State University or any institution of higher learning. There, they can pursue degrees in art, journalism, applied studies, individualized studies, or one of the offerings of the Creative Media Institute.

Employment will continue to increase for digital media specialists in advertising agencies, animation and film studios, web design companies, and other organizations throughout the business sector. Upon completion of one of the associate degrees, students must have the career-readiness certificate and will have designed and created a self-promotional package and professional, electronic portfolio or demo reel.

High school students who are interested in a career in creative media are encouraged to take courses in art, photography, English, and mathematics. Courses as well as careers in media will require a person to be able to work at computers, communicate verbally and in writing, and participate in an online environment.

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus. Required electives for transitioning to NMSU Creative Media Institute are marked with an asterisk (*). The remaining courses may be applicable toward a bachelor’s degree in either Art or Creative Media at NMSU. Students are expected to have basic skills in computers, art, and photography.

Associate Degree:
Creative Media Technology (64–68 credits)

Core Requirements 23 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 116G Perspectives on Film</td>
<td>3</td>
</tr>
<tr>
<td>COMM 265G Principles of Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH 210G Math Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 110G Great Ideas of Physics</td>
<td>4</td>
</tr>
<tr>
<td>ART 110G Visual Concepts</td>
<td>3</td>
</tr>
<tr>
<td>HIST or PHIL general education course</td>
<td>3</td>
</tr>
</tbody>
</table>

Technical/Related Requirements 41–45 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT 130 Web Design I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 146 Digital Foundations (4)</td>
<td>4–6</td>
</tr>
<tr>
<td>CMT 142 Computer Illustration (3)</td>
<td></td>
</tr>
<tr>
<td>+ CMT 145 Imaging Processing I (3)</td>
<td></td>
</tr>
<tr>
<td>CMT 150 2D Animation</td>
<td>3</td>
</tr>
<tr>
<td>CMT 160 Modeling and Animation</td>
<td>3</td>
</tr>
<tr>
<td>CMT 180 Principles of Media Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 190 Digital Video Production I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 195 Digital Video Editing I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 206 Principles of Sound</td>
<td>3</td>
</tr>
<tr>
<td>CMT 292 Creative Media Studio</td>
<td>3</td>
</tr>
<tr>
<td>CMT 295 Portfolio Development &amp; Design</td>
<td>3</td>
</tr>
</tbody>
</table>
### ENGL 232 Script Development and Storyboarding 3

**OR** ENGL 235 Narrative: Principles of Story Across the Media 3

OETS 102 Career Readiness Certification Preparation 1

Electives chosen from the following list: 6–8

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 150</td>
<td></td>
</tr>
<tr>
<td>CMT 140, 151, 175, 185, 192, 200, 205, 210, 215, 222, 223, 227, 228, 230, 242, 250, 251, 252, 256, 258, 260; ENGL 232; THTR 110; Other approved graphics elective</td>
<td></td>
</tr>
</tbody>
</table>

### Associate Degree: Digital Graphics Tech. (66 credits)

#### Core Requirements 19 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric &amp; Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 203G Business &amp; Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 211G Writing in the Humanities &amp; Social Sciences</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 218G Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>OR ** BOT 209 Business &amp; Technical Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 265G Principles of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH 210G Math Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>OR ** MATH 120 Intermediate Algebra</td>
<td></td>
</tr>
<tr>
<td>OR ** BOT 106 Business Math</td>
<td></td>
</tr>
<tr>
<td>PSY 201G Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G Introductory Sociology</td>
<td></td>
</tr>
<tr>
<td>OR ** BMGT 240 Human Relations</td>
<td></td>
</tr>
</tbody>
</table>

Choose one of the following courses: 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 101G, 102G, 201G, 202G</td>
<td></td>
</tr>
<tr>
<td>PHIL 101G, 210G</td>
<td></td>
</tr>
</tbody>
</table>

**Not transferable as part of the New Mexico Higher Education Department general education common core**

#### Related Requirements 7 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 110G Visual Concepts</td>
<td>3</td>
</tr>
<tr>
<td>OR ART 150 Drawing I</td>
<td></td>
</tr>
<tr>
<td>OR ART 155 2D Design</td>
<td></td>
</tr>
<tr>
<td>OR Approved elective</td>
<td></td>
</tr>
<tr>
<td>CMT 221 Cooperative Experience I</td>
<td>3</td>
</tr>
<tr>
<td>OR CMT 223 Media Production Services</td>
<td></td>
</tr>
<tr>
<td>OETS 102 Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Technical Requirements 40 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT 130 Web Design I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 140 Print Media I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 142 Computer Illustration</td>
<td>3</td>
</tr>
<tr>
<td>CMT 145 Image Processing I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 150 2D Animation</td>
<td>3</td>
</tr>
<tr>
<td>OR CMT 160 Modeling and Animation</td>
<td></td>
</tr>
<tr>
<td>CMT 180 Principles of Media Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 230 Web Design II</td>
<td>3</td>
</tr>
<tr>
<td>CMT 240 Print Media II</td>
<td>3</td>
</tr>
<tr>
<td>CMT 245 Image Processing II</td>
<td>3</td>
</tr>
<tr>
<td>CMT 254 History of Media Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 295 Portfolio Development &amp; Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives chosen from the following courses: 7

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 156; CMT 115, 150, 160, 190, 195, 210, 215, 235; CMT 242, 250, 256, 275, 285, 290; Approved media-related elective(s)</td>
<td></td>
</tr>
</tbody>
</table>

### Certificate: Creative Media (13 credits)

#### Technical Requirements 13 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CMT 115 Digital Photography</td>
<td>3</td>
</tr>
<tr>
<td>CMT 142 Computer Illustration</td>
<td>3</td>
</tr>
<tr>
<td>CMT 145 Image Processing I</td>
<td>3</td>
</tr>
<tr>
<td>OETS 102 Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
<tr>
<td>CMT 140 Print Media I</td>
<td>3</td>
</tr>
<tr>
<td>OR CMT 150 2D Animation</td>
<td></td>
</tr>
<tr>
<td>OR CMT 190 Video Production I</td>
<td></td>
</tr>
</tbody>
</table>

### Certificate: Digital Graphics (19 credits)

#### Technical Requirements 19 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT 130 Introduction to Web Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 140 Print Media I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 142 Computer Illustration</td>
<td>3</td>
</tr>
<tr>
<td>CMT 145 Image Processing I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 180 Principles of Media Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 240 Print Media II</td>
<td>3</td>
</tr>
<tr>
<td>OETS 102 Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
</tbody>
</table>

### Certificate: Digital Audio (15 credits)

#### Technical Requirements 15 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT 195 Digital Video Editing I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 206 Principles of Sound</td>
<td>3</td>
</tr>
<tr>
<td>CMT 236 Digital Audio Fundamentals</td>
<td>3</td>
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</tbody>
</table>

Electives: Select two courses from the list below: 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CMT 246 Digital Music Production (3)</td>
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</tr>
<tr>
<td>CMT 266 Digital Audio Postproduction for Media (3)</td>
<td></td>
</tr>
<tr>
<td>CMT 221 Cooperative Experience (1–3)</td>
<td></td>
</tr>
<tr>
<td>CMT 292 Creative Media Studio (3)</td>
<td></td>
</tr>
<tr>
<td>Approved Elective</td>
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</tbody>
</table>

### Certificate: Digital Video (22 credits)

#### Technical Requirements 22 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT 130 Introduction to Web Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 145 Image Processing I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 180 Principles of Media Design</td>
<td>3</td>
</tr>
<tr>
<td>CMT 190 Digital Video Production I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 195 Digital Video Editing I</td>
<td>3</td>
</tr>
<tr>
<td>CMT 210 Digital Video Production II</td>
<td>3</td>
</tr>
</tbody>
</table>
### Certificate: Film Crew Training (25 credits)

#### Technical Requirements
- CMT 126 Film Crew Training I 9
- CMT 156 Film Crew Training II 9
- OETS 102 Career Readiness Certification Preparation 1
- Approved electives in specialized area 6

### Certificate: Game Design (31 credits)

#### Technical Requirements
- CMT 142 Computer Illustration 3
- CMT 145 Image Processing I 3
- CMT 151 Evolution of Electronic Games 3
- CMT 160 Modeling and Animation 3
- CMT 175 3D Character Design 3
- CMT 200 Critical Game Studies 3
- CMT 228 Level Design Concepts 3
- CMT 252 Gaming Tools and Techniques 3
- CMT 260 3D Special Effects 3

Choose one of the following: 3
- CMT 227 Advanced Character Animation (3)
- CMT 255 Special Topics: History of Animation (3)
- OECS 140 Introduction to Game Production Industry (3)
- OECS 245 Game Programming I (3)
- OECS 246 Game Programming II (3)
- Approved media-related elective (3)

#### OETS 102 Career Readiness Certification Preparation 1

### Certificate: Graphics and Animation (25 credits)

#### Technical Requirements
- CMT 145 Image Processing I 3
- CMT 160 Modeling and Animation 3
- CMT 195 Digital Video Editing I 3

#### Choose one of the following two tracks: 15

**CREATIVE TRACK**
- CMT 142 Computer Illustration (3)
- CMT 150 2D Animation (3)
- CMT 175 Character Design (3)
- CMT 227 Advanced Character Animation (3)
- CMT 260 3D Special Effects (3)

**TECHNICAL TRACK**
- DRFT 109 Computer Drafting Fundamentals (3)
- DRFT 114 Introduction to Mechanical/Solid Modeling (3)
- DRFT 176 Computer Drafting in 3D (3)
- DRFT 177 Computer Rendering and Animation I (3)
- Approved related electives (3)

#### OETS 102 Career Readiness Certification Preparation 1

### Certificate: Web Design (25 credits)

#### Technical Requirements
- CMT 130 Web Design I 3
- CMT 145 Image Processing I 3
- CMT 150 2D Animation 3
- CMT 180 Principles of Media Design 3
- CMT 230 Web Design II 3
- CMT 235 Web Design for Small Business 3
- OR CMT 275 Advanced Web Techniques 3
- CMT 245 Image Processing II 3

#### Select one course from the following: 3
- CMT 142, 195, 215, 240, 242, 245, 250, 290;
- OECS 128, 205, 216, 218, 220;
- Approved Web-related elective

### Criminal Justice

See “Law Enforcement”

### Dental Assistant

#### Certificate of Completion

(575) 527-7653

Dental assisting is both a challenging and a rewarding profession. Dental assistants are people who like helping others, enjoy working closely with patients and other members of the dental team, and like working with their hands. In fact, assistants frequently are relied on as the dentist’s “other set of hands.”

There is no lack of variety in the types of tasks that dental assistants perform. They prepare equipment, materials, and instruments for patient care; perform sterilization and disinfection procedures; provide patients with instructions for dental procedures; create temporary crowns; provide coronal polishing and placement of sealants; take impressions of teeth; create study casts (molds); take and review patient medical histories; expose and develop radiographs; and perform a variety of other duties. They may also be responsible for administrative tasks, such as billing, patient verification, scheduling of various types of treatment appointments, and material inventory.

Assistants may work in a general-practice office where a dentist provides multiple types of treatment, including restorative/operative work (fillings), prosthetics (crowns, bridges, and dentures), and perhaps some surgery. They may want to specialize for work in periodontics, oral and maxillofacial surgery, pedodontics, or orthodontics.

In the state of New Mexico, dental assistants can become certified to perform the following expanded duty tasks: radiology (taking x-rays), coronal polishing (polishing of teeth and removal of stains), fluoride treatments (the act of placing fluoride on a patient’s teeth), and sealant placement (used to prevent decay). These certifications are obtained through the State Dental Board and are a portion of the Dental Assisting National Board Certification Exam.

The Dental Assistant program at DACC is nationally accredited by the American Dental Association, Commission on Dental Program.
Accreditation. It is also recognized by the New Mexico State Board of Dentistry as a continuing-education provider.

Required Skills and Abilities

Students will need to demonstrate good oral expression (speech clarity) and written comprehension in English, critical thinking skills, near vision, and physical stamina (e.g., the ability to stand for long periods of time), as well as the ability to manipulate dental/medical equipment, move/lift patients and equipment up to 50 pounds without assistance, and perform patient care procedures with manual dexterity.

Program Admission Special Requirements

The Dental Assistant program is a limited-entry, special-application program. When a candidate is considered for acceptance into the program, the following factors are taken into account:

- High school and/or college transcripts and GPA
- Proof of residence
- Copy of current healthcare provider CPR card and immunizations
- Completion of ENGL 111G and computer literacy course—required prior to applying (completion of other general education and related requirements also considered)
- Completion of program application (submitted before deadline)

Course fees

In addition to tuition, a fee of $400 is charged for each of the following courses: DHYG 122, DHYG 132, DHYG 212, and DHYG 222.

Certificate (45–47 credits)

NOTE: Courses preceded by an asterisk (*) must be completed before a student can apply to the Dental Assistant program. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Core Requirements 10 credits

*ENGL 111G Rhetoric and Composition 4
OEHO 101 Communications for Health Care 3
OR COMM 253G Public Speaking
OR COMM 265G Principles of Human Communication
PSY 201G Introduction to Psychology 3

Related Requirements 4–6 credits

*OECS 101 Computer Basics 1–3
OR *OECS 105 Introduction to Microcomputer Technology
OR *C S 110 Computer Literacy

OEHO 225 Nutrition for Health Occupations 3
OR HNDS 163 Nutrition for Health

NOTE: Although OEHO 225 lists additional prerequisites/corequisites, these are not required by the Dental Assisting program.

Technical Requirements 31 credits

DAS 111 Biomedical Science 4
DAS 113 Dental Assisting I 4
DAS 115 Dental Radiology 3
DAS 117 Dental Materials 3
DAS 121 Dental Assisting II 4
DAS 123 Dental Assisting Practicum 6
DAS 125 Professional Concepts 3
DAS 127 Dental Office Management 2
DAS 129 Preventive Dentistry 2

Dental Hygiene

Associate in Applied Science Degree

(575) 528-7216

A dental hygienist is a vital member of a team of dental professionals dedicated to improving oral health and supporting the general health of individuals and groups. As licensed professionals, dental hygienists provide educational, clinical, and therapeutic services and may be involved in research, administration, client/patient advocacy, marketing or consulting. Dental hygienists may practice in a variety of settings such as private dental offices, public health facilities, schools, nursing homes and hospitals. They may also work in correctional facilities, business and industry and other settings.

Dental hygienists in a clinical setting perform oral and general health assessments such as: medical history, vital signs, oral cancer screening, dental charting, examination of the gums and supporting structures of teeth. They provide oral health instruction, counseling regarding nutrition and healthy lifestyle and their impact on oral and general health. Dental hygienists take and interpret radiographs and provide many types of preventive services such as removing deposits from teeth, applying fluoride, placing sealants and more. Infection control and emergency management are also important functions. In New Mexico and other states, dental hygienists may be certified to provide local anesthesia.

Dental hygienists enjoy working with people, have good manual dexterity and enjoy working with their hands. They possess the maturity and critical thinking skills to provide current, quality, professional care. They have strong interpersonal skills to motivate and educate patients of all ages. Dental hygienists are lifelong learners and are dedicated to continuing education, enhancing the profession and practicing ethical decision-making and behavior.

Dental hygienists are generally well paid and are highly thought of as professionals in their communities. The profession is one of the fastest growing occupations in the country and is expected to grow much faster than average for all occupations through 2014. The number of people seeking preventive dental hygiene care; the expansion of an older population who retain their teeth, and a trend in group practices that stress effective and productive use of office personnel, will provide increasing opportunities for employment. Graduation from this program qualifies students to take national and state examinations to become a licensed dental hygienist anywhere in the United States and there are international employment opportunities for dental hygienists educated in the U.S.

Students wishing to pursue a Bachelor’s degree should consult with an advisor regarding transferability of courses in the prerequisite list as well as the dental hygiene curriculum.

Required Skills and Abilities

Students will need to demonstrate good oral expression (speech clarity) and written comprehension in English, critical thinking skills, near vision, and physical stamina (e.g., the ability to sit for long periods of time and move about freely), as well as the ability to manipulate dental/medical equipment, move/lift equipment up to 30 pounds without assistance, and perform patient care procedures with manual dexterity.
Program Admission Special Requirements

This is a limited entry program. Criteria for selection are available from the program director. Successful candidates generally have a GPA of 3.0 or higher. Student faculty ratio in the clinical setting is 1-to-5 thus allowing for individualized instruction.

Program Prerequisites

General education and related classes are required prior to applying to the Dental Hygiene Program (29 credits):

- ENGL 111G Rhetoric and Composition (4)
- MATH 120 Intermediate Algebra (3)
- OR OEOH 116 Math for Health Occupations (3)
- OEOH 153 Introduction to Anatomy and Physiology I (4)
- OEOH 154 Introduction to Anatomy and Physiology II (4)
- CHEM 110G Principles and Applications of Chemistry (4)
- CHEM 210 Chemistry for Allied Health (3)
- OEOH 253 Microbiology (4)
- OEOH 225 Nutrition (3)

Associate Degree (69 credits)

NOTE: Students must receive a final grade of C or higher to remain in the program. Courses appearing in italics, both here and in the “Program Prerequisites” section above, may be applied toward a bachelor’s degree at NMSU.

Core Requirements 9 credits

- COMM 253G Public Speaking (3)
- OR COMM 265G Principles of Human Communication (3)
- PSY 201G Introduction to Psychology (3)
- SOC 101G Introductory Sociology (3)

Related Requirements 3 credits

- OEOH 202 Legal/Ethical Issues in Health Care (3)

Technical Requirements 57 credits

NOTE: All DHYG classes are restricted to students who have been accepted into the Dental Hygiene program.

- DHYG 110 Preclinical Dental Hygiene (3)
- DHYG 112 Preclinical Dental Hygiene Lab (3)
- DHYG 114 Oral Histology & Embryology (2)
- DHYG 116 Head, Neck and Dental Anatomy (4)
- DHYG 118 Dental Radiology (3)
- DHYG 120 Dental Hygiene Theory I (3)
- DHYG 122 Clinical Dental Hygiene I (3)
- DHYG 124 General and Oral Pathology (3)
- DHYG 126 Periodontology (3)
- DHYG 132 Clinical Dental Hygiene II (1)
- DHYG 134 Dental Materials (3)
- DHYG 210 Dental Hygiene Theory III (2)
- DHYG 212 Clinical Dental Hygiene III (4)
- DHYG 214 Dental Pharmacology (3)
- DHYG 216 Dental Public Health (3)
- DHYG 218 Pain Management (3)
- DHYG 220 Dental Hygiene Theory IV (3)
- DHYG 222 Clinical Dental Hygiene IV (4)
- DHYG 224 Principles of Practice (2)
- DHYG 226 Community Oral Health (2)

Diagnostic Medical Sonography

Associate of Applied Science Degree

Certificate of Completion

(575) 528-7047

Sonography is an allied health specialty that uses high-frequency sound waves (ultrasound) to image many structures in the body. Sonographers function as members of the healthcare team by providing and evaluating high quality images that aid physicians in the diagnosis and treatment of their patients. Sonographers are highly motivated, independent, critical thinkers who enjoy one-on-one patient interaction.

Employment opportunities are available in a variety of settings, such as hospitals, physicians’ offices, and veterinarian practices. There are also opportunities in sales, education, management, research, marketing, and product development. Job prospects in the Las Cruces–El Paso area occasionally are limited, but nationwide there remain ample opportunities for employment.

Training involves a combination of academic courses and a clinical internship in the ultrasound department of area hospitals and clinics where students will gain hands-on training under the supervision of registered diagnostic medical sonographers and will work alongside physicians and other health-care professionals. Coursework covers abdominal and OB-Gyn ultrasound, neurosonography, acoustic physics and instrumentation, and introductory vascular technology. Students will participate in lab activities and learn to write case reports and journal article reviews. The clinical sites include facilities in Las Cruces, Alamogordo, Carlsbad, and Silver City, New Mexico, as well as in El Paso, Texas.

The Diagnostic Medical Sonography program offers a certificate track for students who already possess an associate degree in a medically related, allied healthcare program or a bachelor’s degree in a medically related field. The associate degree track is designed for those who do not meet the entrance requirements for the certificate-track program.

Students in the Diagnostic Medical Sonography program are required to complete and pass a variety of background/screening measures that include a security background check, fingerprinting and/or drug screening, in order to participate in the clinical education portion of the program. Past criminal violations may prevent a student from completing the program and gaining employment in the field.

Graduates of the program are eligible to take national registry examinations by the American Registry of Diagnostic Medical Sonography (ARDMS) and/or the American Registry of Radiologic Technologists–Sonography credential.

The DACC Diagnostic Medical Sonography program is fully accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).
Please visit our website at http://dacc.nmsu.edu/hps/sonography for additional information and to print out documents needed for applying to the Diagnostic Medical Sonography program. In addition, an information packet is available at the Health and Public Services division office, room 190, phone (575) 757-7630.

**Required Physical and Cognitive Skills**

Sonography students must be able to do the following:
1. Position, move, and lift patients in wheelchairs and stretchers.
2. Maintain prolonged arm positions necessary for scanning.
3. Position and move ultrasound equipment on wheels (up to 500 lbs.)
4. Effectively operate sonographic equipment.
5. Evaluate sonograms in order to acquire appropriate diagnostic information.
6. Integrate diagnostic sonograms, laboratory results, patient histories and medical records, and adapt sonographic examinations as necessary.
7. Use independent judgment to acquire the optimal diagnostic sonographic information in each examination performed.
8. Evaluate, synthesize, and communicate diagnostic information to the attending physician.
9. Communicate effectively with the patient and the healthcare team, recognizing the special nature of sonographic examinations and patients’ needs.
10. Establish and maintain effective working relationships with the public and healthcare team.
11. Follow established departmental procedures.
12. Work efficiently and cope with emergency situations.
13. Possess the emotional and physical health sufficient to meet the demands of the position.

**Special Admissions Criteria for Certificate Track**

This is a limited-entry program accepting students only in the spring semester. Criteria and factors used in evaluating applicants include the following:

- Completion of either (a) an associate degree in an allied health program which is medically related and involves human-patient care, or (b) a bachelor’s degree in a medical or science-related field that includes two semesters of anatomy and pathology, medical terminology, and general physics.
- Being registered in one’s allied health area (applies only to allied health program applicants)
- Overall GPA of 3.0 or higher
- Observation in an ultrasound facility (optional)
- College-level course in algebra (MATH 121G or equivalent)
- County of residence

**Course fees**

In addition to tuition, a fee of $150 is charged for each of the following courses: DMS 120, 122, 124, and 126.

**Certificate (55 credits)**

**NOTE:** All of the courses in this program relate to each other and to the clinical internship and cannot be taken individually.

**Core Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 121G College Algebra</td>
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**Technical Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>DMS 101 Introduction to Sonography</td>
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<tr>
<td>DMS 110 Ultrasound Physics &amp; Instrumentation</td>
<td>3</td>
</tr>
<tr>
<td>DMS 112 Abdominal Sonography I</td>
<td>4</td>
</tr>
<tr>
<td>DMS 113 Gyn Sonography</td>
<td>3</td>
</tr>
<tr>
<td>DMS 114 OB Sonography</td>
<td>4</td>
</tr>
<tr>
<td>DMS 115 Abdominal Sonography II</td>
<td>3</td>
</tr>
<tr>
<td>DMS 116 Introduction to Vascular Technology</td>
<td>3</td>
</tr>
<tr>
<td>DMS 117 Vascular Sonography</td>
<td>2</td>
</tr>
<tr>
<td>DMS 118 Neurosonography</td>
<td>2</td>
</tr>
<tr>
<td>DMS 120 Clinical Internship and Advanced Seminar I</td>
<td>4</td>
</tr>
<tr>
<td>DMS 122 Clinical Internship and Advanced Seminar II</td>
<td>4</td>
</tr>
<tr>
<td>DMS 124 Clinical Internship and Advanced Seminar III</td>
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</tr>
<tr>
<td>DMS 126 Clinical Internship and Advanced Seminar IV</td>
<td>9</td>
</tr>
</tbody>
</table>

**Associate Degree Track**

This is a limited-entry program accepting students only in the spring semester. Criteria and factors used in evaluating applicants include the following:

- High school diploma or GED
- Completion of all Core Requirements and Related Requirements with a GPA of 3.0 or higher (no more than one final grade of C is allowed)
- County of residence

**Associate Degree (89 credits)**

**NOTE:** No more than one final grade of C is allowed in any course. This rule does not apply to courses listed under Technical Requirements. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

**Core Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 218G Technical &amp; Scientific Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH 121G College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 211G General Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 201G Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Related Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C S 110 Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR OECS 105 Introduction to Microcomputer Technology</td>
<td>3</td>
</tr>
<tr>
<td>O EHO 120 Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>O EHO 153 Introduction to Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>O EHO 154 Introduction to Anatomy &amp; Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>O EHO 202 Legal &amp; Ethical Issues in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>O EHO 253 Microbiology for Health Occupations</td>
<td>4</td>
</tr>
</tbody>
</table>

**Technical Requirements**

All technical requirements listed in the certificate program
Drafting and Design Technologies

Associate of Applied Science Degrees

- Architectural Technology
- Civil/Survey Technology
- Mechanical Drafting and Solid Modeling
- Pre-Architecture

Certificates of Completion

- Architectural Technology
- Civil/Survey Technology
- Drafting and Graphics Technology
- Geographical Information Systems
- Mechanical Drafting and Solid Modeling

(575) 528-7310

The Drafting and Design Technologies Program provides students with a strong foundation in Computer-Aided Drafting (CAD), Architecture/Design, and relevant theory and concepts necessary to become successful in various related fields. These fields include Architecture, Architectural Technology, Civil/Survey Technology and Mechanical Drafting/Solid Modeling.

Excellent job and salary opportunities are available nationwide for Drafters/CAD specialists, technicians, architects, and engineers. With its rapid growth, southern New Mexico also has strong employment possibilities for graduates of the Drafting and Design Technologies Program. Students with previous related training and/or formal education may quickly qualify for more advanced positions, such as construction inspector or supervisor, contractor, technical animator, or senior drafter.

Within the Drafting and Design Technologies Program are four courses of study leading to associate of applied science degrees. These allow students to tailor their studies to their own interests and career aspirations.

- **Architectural Technology**: Architectural 2D and 3D drafting, residential design, construction estimating, construction technology, architectural rendering and animation
- **Civil/Survey Technology**: Civil engineering drafting, surveying fundamentals, roadway construction drafting, land development drafting, and GIS training
- **Mechanical Drafting and Solid Modeling**: Mechanical drafting, machine/manufacturing fundamentals, basic mechanical design, parametric solid modeling, and animation
- **Pre-Architecture**: Architectural theory & drawing; design studio/culture; architectural history; computer applications; introduction to construction principles & construction documents; presentation techniques

In addition to the associate degrees, the program also offers certificates of completion specializing in four areas: Architectural Technology, Civil/Survey Technology, Drafting and Graphics, and Mechanical Drafting/Solid Modeling.

While pursuing this program, whether taking classes or working in a co-op position, students will be required to perform the same job duties and be able to meet the same physical requirements that they will as a graduate in the field. Courses, as well as careers, in Drafting and Design Technologies will require a person to be able to work at computers, communicate verbally and in writing, and participate in an online environment.

Future students who are still in high school are encouraged to take courses in mathematics, science, English, and drafting. Furthermore, Dual credit opportunities are available for high school students who wish to earn college credit while still in high school. These credits apply to both their high school credit requirements as well as the DACC Drafting and Design Technologies requirements. (For more information, refer to the section titled, “Dual Credit Program,” within this catalog.)

**Pre-Architecture Program Overview**

Students planning to pursue a professional career in architecture may find it more convenient and economically advantageous to begin their studies closer to home. The DACC Pre-Architecture program, which culminates in an associate of applied science degree, consists roughly of the first two years of a standard, bachelor’s degree curriculum in architecture. Currently, the most popular transfer universities for DACC Pre-Architecture students are the University of New Mexico and Texas Tech University. Both offer in-state tuition rates and have signed articulation agreements with DMCC providing for the smooth and efficient transfer of credits.

Acceptance into a transfer university’s architecture program is not automatic nor is it guaranteed. Students must follow the regular application procedures of the chosen university.

Nor can DACC guarantee placement into a transfer university’s architecture program at any particular level, for such matters are totally dependent on how the university may evaluate transcripts, portfolios and other required materials against its own acceptance criteria. For example, in order to be accepted at UNM, a final grade of B- or better is required in ARCT 101 and 104, and a final grade of C or better is required in all other courses in the DACC Pre-Architecture curriculum.

Potential architecture students should contact the Pre-Architecture advisor at DACC for assistance with course scheduling and transfer procedures (telephone 575-528-7310).

**Transition Tracks to Bachelor’s Degrees in Engineering Technology at NMSU**

The transition tracks in the Civil/Survey Drafting and the Mechanical/Solid Modeling associate degree programs are designed for students planning on pursuing a bachelor’s degree in one of the engineering technology programs offered by NMSU. These transition tracks allow students to maximize the number of credits applicable to an NMSU Engineering Technology program, while also making it possible to earn an associate degree for immediate employment in the field. Students must contact a Drafting and Design Technologies program advisor for the most current transfer-track requirements.

**Additional Program Information**

Students receive training from highly qualified faculty in modern classrooms and drafting and design laboratories equipped with the latest in computers, peripheral equipment, and professional software. The Drafting and Design Technologies Program is housed at the DACC East Mesa Campus of (see map in front of catalog).

Classes are scheduled during the day, evening, and weekends, as well as during the summer, to serve both full- and part-time students, including high school students who are participating in a dual credit enrollment program. Courses are available at the various DACC locations, as well as selected high schools in the area.

Students gain professional development and leadership skills through the Drafting and Graphics Association (DAGA) or the American Institute of Architecture Students (AIAS). These student organizations are affiliated with at least one of the following: American Design Drafting Association (ADDA), SkillsUSA, National Association of
Home Builders (NAHB), Home Builders Institute (HBI), and American Institute of Architecture Students (AIAS). Students actively participate in numerous events and activities sponsored by the Las Cruces Homebuilders Association and the American Institute of Architects. Members also take part in activities sponsored by other professional associations, such as providing drafting services, recruiting at high schools, and participating in community service projects. Students can compete in statewide and nationwide drafting contests sponsored by SkillsUSA and other organizations.

Additional Graduation Requirements

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate, students will be required to take DRFT 101, Introduction to Drafting and Design Technologies, for all degree options except Architecture, which requires OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

NOTE: A final grade of C or better is required in all DRFT and ARCT courses.

Associate Degree:
Architectural Technology (68 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

General Education Requirements 13 credits
ENGL 111G Rhetoric and Composition 4
ENGL 218G Technical and Scientific Communication 3
COMM 265G Principles of Human Communication 3
PSY 201G Introduction to Psychology 3
OR  SOC 101G Introductory Sociology

Technical Requirements 55 credits
DRFT 101 Introduction to Drafting and Design Technologies 2
DRFT 108 Drafting Concepts/Descriptive Geometry 2
DRFT 109 Computer Drafting Fundamentals 3
DRFT 130 General Building Codes 3
DRFT 143 Civil Drafting Fundamentals 3
DRFT 151 Construction Principles & Print Reading 3
DRFT 153 Surveying Drafting Applications 3
DRFT 204 Geographical Information Systems Technology 3
DRFT 222 Surveying Fundamentals* 3
*NOTE: In order for DRFT 222 to be accepted toward a degree in CET, MATH 175 must be completed prior to taking DRFT 222.
DRFT 242 Roadway Development Drafting 3
DRFT 243 Land Development Drafting 3
DRFT 254 Advanced Geographical Information Systems Tech. 3
DRFT 278 Advanced CAD Applications 3
DRFT 288 Portfolio Development 4
DRFT 295 Professional Development and Leadership 2
Choose one of the following two tracks: 12
CAREER TRACK
DRFT 290 Special Topics: Trig. for Surveying 1
MATH 120 Intermediate Algebra 3
Approved technical electives 8
TRANSITION TRACK
MATH 175 Trigonometry 3
OR MATH 190 Trigonometry and Pre-Calculus 3
MATH 121G College Algebra 3
Approved technical electives 6

Associate Degree:
Civil/Survey Technology (68 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

General Education Requirements 13 credits
ENGL 111G Rhetoric and Composition 4
ENGL 218G Technical and Scientific Communication 3
COMM 265G Principles of Human Communication 3
PSY 201G Introduction to Psychology 3
OR  SOC 101G Introductory Sociology

Technical Requirements 55 credits
DRFT 101 Introduction to Drafting and Design Technologies 2
DRFT 108 Drafting Concepts/Descriptive Geometry 2
DRFT 109 Computer Drafting Fundamentals 3
DRFT 115 General Construction Safety 3
DRFT 143 Civil Drafting Fundamentals 3
DRFT 151 Construction Principles & Print Reading 3
DRFT 153 Surveying Drafting Applications 3
DRFT 204 Geographical Information Systems Technology 3
DRFT 222 Surveying Fundamentals* 3
*NOTE: In order for DRFT 222 to be accepted toward a degree in CET, MATH 175 must be completed prior to taking DRFT 222.
DRFT 242 Roadway Development Drafting 3
DRFT 243 Land Development Drafting 3
DRFT 254 Advanced Geographical Information Systems Tech. 3
DRFT 278 Advanced CAD Applications 3
DRFT 288 Portfolio Development 4
DRFT 295 Professional Development and Leadership 2
Choose one of the following two tracks: 12
CAREER TRACK
DRFT 290 Special Topics: Trig. for Surveying 1
MATH 120 Intermediate Algebra 3
Approved technical electives 8
TRANSITION TRACK
MATH 175 Trigonometry 3
OR MATH 190 Trigonometry and Pre-Calculus 3
MATH 121G College Algebra 3
Approved technical electives 6

Associate Degree:
Mechanical Drafting and Solid Modeling (67 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.
DOÑA ANA COMMUNITY COLLEGE

General Education Requirements 13 credits
ENGL 111G Rhetoric and Composition 4
ENGL 218G Technical and Scientific Communication 3
COMM 265G Principles of Human Communication 3
PSY 201G Introduction to Psychology 3
OR SOC 101G Introductory Sociology

Technical Requirements 54 credits
DRFT 101 Introduction to Drafting & Design Technologies 2
DRFT 108 Drafting Concepts/Descriptive Geometry 2
DRFT 109 Computer Drafting Fundamentals 3
DRFT 114 Introduction to Mechanical Drafting/Solid Modeling 3
DRFT 115 General Construction Safety 3
DRFT 164 Intermediate Mech. Drafting/Solid Modeling 3
DRFT 176 Computer Drafting in 3D 3
DRFT 177 Computer Rendering and Animation I 3
DRFT 214 Advanced Mech. Drafting/Solid Modeling 3
DRFT 278 Advanced CAD Applications 3
DRFT 288 Portfolio Development 4
DRFT 295 Professional Development and Leadership 2
ELT 110 Basic Electronics 3
MAT 115 Print Reading for Industry 3

Choose one of the following two tracks:

CAREER TRACK
MATH 120 Intermediate Algebra (3)
MAT 265 Sp. Topics: Intro. to Automation Processes (3)
Approved technical electives (8)

TRANSITION TRACK
ET 217 Manufacturing Processing (3)
ET 217L Manufacturing Processing Laboratory (1)
MATH 175 Trigonometry (3)
OR MATH 190 Trigonometry and Pre-Calculus (3)
MATH 121G College Algebra (3)
PHYS 211G General Physics I (3)
PHYS 211GL General Physics I Laboratory (1)

Associate Degree: Pre-Architecture (72 credits)
NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

General Education Requirements 17 credits
ENGL 111G Rhetoric and Composition 4
ENGL 218G Technical and Scientific Communication 3
COMM 265G Principles of Human Communication 3
MATH 142G Calculus for Biol./Mgt. Sciences 3
PHYS 110G The Great Ideas of Physics 4
OR PHYS 211G & 211GL General Physics & Laboratory

Technical Requirements 55 credits
ARCT 101 Introduction to Architecture 3
ARCT 104 Introduction to Architectural Drawing 4
ARCT 111 Architectural History I 3
ARCT 170 Computers in Architecture 3
ARCT 204 Architectural Design Studio I 5
ARCT 210 Architectural Delineation I 3
ARCT 211 Architectural History II 3
ARCT 250 Construction Documents 3
ARCT 254 Architectural Design Studio II 5
ARCT 260 Architectural Delineation II 3
DRFT 109 Computer Drafting Fundamentals 3
DRFT 151 Construction Principles/Print Reading 3
MATH 175 Trigonometry 3
OR MATH 190 Trigonometry and Pre-Calculus 3
OETS 102 Career Readiness Certification Preparation 1
Select from the following: 10
ARCT 295 or any other ARCT course; ENGL 211G; HIST 101G, 102G, 201G*, 202G*; GOVT 100G, 110G
NOTE: HIST 201G, 202G are required in the curriculum at Texas Tech University

Certificate: Architectural Technology (19 credits)
NOTE: The two prerequisites can be taken in the DACC drafting program or through articulated courses at approved high schools.

Prerequisites 5 credits
DRFT 108 Drafting Concepts/Descriptive Geometry 2
DRFT 109 Computer Drafting Fundamentals 3

Technical Requirements 14 credits
DRFT 101 Introduction to Drafting & Design Technologies 2
DRFT 151 Construction Principles/Print Reading 3
DRFT 191 Residential Drafting 3
DRFT 181 Commercial Drafting 3

Certificate: Civil/Survey Technology (19 credits)
NOTE: The two prerequisites can be taken in the DACC drafting program or through articulated courses at approved high schools.

Prerequisites 5 credits
DRFT 108 Drafting Concepts/Descriptive Geometry 2
DRFT 109 Computer Drafting Fundamentals 3

Technical Requirements 14 credits
DRFT 101 Introduction to Drafting & Design Technologies 2
DRFT 143 Civil Drafting Fundamentals 3
DRFT 151 Construction Principles/Print Reading 3
Early Childhood Education

Associate Degree: Early Childhood Education
Certificate of Completion: Early Childhood Administration
(575) 527-7630

The Associate Degree Program

The Early Childhood Education associate degree program is designed to prepare students to become highly qualified teachers, assistant teachers, or family day care providers in professional child care for children ages birth through eight years. Students will gain a broad understanding of the specific needs of young children and develop strategies for meeting those needs. They may choose to continue their education at any four-year institution in New Mexico.

The DACC program includes the lower division courses required for entry into the Teacher Education Program (TEP), a baccalaureate program at New Mexico State University. Completion of this program does NOT guarantee admission into a Teacher Education Program at a four-year institution. Early in their second year of study at DACC, students should contact the four-year institution they have chosen to obtain application information.

Requirements and Limitations:

1. Students in the Early Childhood Education Program are required to complete and pass a security background check in order to take practicum courses. Past criminal violations may prevent a student from completing the degree and from being hired by school systems or other child care facilities upon graduation.

2. Students must complete all technical requirement courses as well as C EP 110G, ENGL 111G, ENGL 211G, MATH 111 and MATH 112 with a grade of C or better.

3. Students must have a 2.0 GPA to graduate from this program. However, because a 2.5 GPA is required for acceptance into the Teacher Education Program at NMSU, it is highly recommended that DACC students complete the Early Childhood Education program with a 2.5 cumulative GPA.

4. Any education course more than seven years old taken at NMSU, NMSU community colleges or other institutions will not be counted toward the student’s baccalaureate program. It is highly recommended that students request a review of their cumulative coursework by the appropriate department at NMSU. Any course not approved must be repeated by the student.

5. Completion of all requirements does not guarantee acceptance in the NMSU Teacher Education Program. Please see the NMSU College of Education Advising Center for more information.

Associate Degree (68 credits)

Students completing all of the Early Childhood coursework within the associate degree are eligible to apply for the One Year Vocational Certificate issued by the New Mexico Office of Child Development. For more information, contact the Office of Child Development at (505) 827-7946.

NOTE: Courses preceded by an asterisk (*) are required to apply for the Teacher Education Program (TEP). Courses in bold are part of the New Mexico Common Core.
Core Requirements—Area I: 7 credits

Communications

NOTE: A total of 9 to 10 credits are required to complete the New Mexico Common Core Requirements in Area I if pursuing a bachelor's degree at NMSU.

*ENGL 111G Rhetoric and Composition 4
*ENGL 211G Writing in the Humanities and Social Sciences 3

Core Requirements—Area II: 6 credits

Mathematics

Choose one of the following pairs of courses: 6

\{ 
*MATH 111 Fundamentals of Elementary Math I (3) 
+ *MATH 112G Fund. of Elementary Math II (3) 
\}

OR

EDUC 150 Math for Paraprofessionals (3) 
+ EDUC 151 Math for Paraprofessionals II (3)

NOTE: The first combination is recommended for students transferring to the bachelor's of early childhood education. The prerequisite for MATH 111 is MATH 120, Intermediate Algebra.

Core Requirements—Area III: 8 credits

Laboratory Sciences

Select eight credits from two different areas: 8

ASTR 105G or 110G
BIOL 101G+GL or 110G or 111G+GL or 211G+GL
CHEM 110G or 111G
GEOI 111G or GEOG 111G
PHYS 110G or 211G+GL

NOTE: It is recommended that students check science requirements for their planned bachelor's degrees. The requirements differ for physical education and some secondary education majors.

Core Requirements—Area IV: 6 credits

Social/Behavioral Sciences

CEP 110G Human Growth and Behavior 3

Choose one of the following: 3

ANTH 201G; ECON 201G, 251G, 252G; GEOG 112G, 120G, GOVT 100G, GOVT 110G; SOC 101G

Core Requirements—Area V: 9 credits

Humanities and Fine Arts

Fine Arts: 3

ART 101G, MUS 101G, MUS 201G, OR THTR 101G (3)

History: 6

HIST 101G or HIST 102G (3)
HIST 201G or HIST 202G (3)

Related Requirements 3 credits

C S 110, Computer Literacy 3

Technical Requirements 29 credits

*ECED 115 Child Growth, Development & Learning 3
*ECED 125 Health, Safety & Nutrition 2
*ECED 135 Family & Community Collaboration 3

*ECED 215 Curriculum Development and Implementation I 3
*ECED 220 Practicum I 2
ECED 225 Curriculum Development and Implementation II 3
ECED 230 Practicum II 2
*ECED 235 Introduction to Reading and Literacy Development 3
ECED 245 Professionalism 2
*ECED 255 Assessment of Children & Evaluation of Programs 3
*ECED 265 Guiding Young Children 3

Certificate of Completion: Early Childhood Administration (24 credits)

NOTE: This certificate is designed for students who are working, or would like to work as administrators of early education programs. Students completing this certificate are eligible to apply for an Early Childhood Administrative Specialist Certificate with the New Mexico Office of Child Development. In order to do so, students submit an application and their transcripts to the New Mexico Department of Child Development to receive a Provisional Administrative Specialist Certificate. The permanent certificate is granted upon completion of the associate degree program in Early Childhood Education.

Core Courses 11 credits

ECED 115 Child Growth, Development and Learning 3
ECED 125 Health, Safety, and Nutrition 2
ECED 135 Family and Community Collaboration 3
ECED 255 Assessment of Children and Evaluation of Programs 3

Administrative Courses 13 credits

ECED 270 Program Management 3
ECED 275 Curriculum for Diverse Learners and Their Families 3
ECED 276 Curriculum for Diverse Learners and Their Families Practicum 2
ECED 280 Professional Relationships 3
ECED 281 Professional Relationships Practicum 2

Education

Associate Degree: Education

(575) 527–7630

The Education associate degree program at Doña Ana Community College is designed to prepare students for transfer into the Teacher Education Program (TEP), a baccalaureate program at New Mexico State University. Alternatively, students may opt to transfer to a similar program at another four-year institution. The DACC program includes the lower division courses required for entry into the TEP. Completion of this program does NOT guarantee admission into a Teacher Education Program at a four-year institution. Early in their second year of study at DACC, students should contact the four-year institution they have chosen to obtain application information.

NOTE: It is recommended that students check the requirements for their planned bachelor’s degree. Requirements may differ for some bachelor’s degrees. See education advisor for course selection information.
Requirements and Limitations:

1. Students in the Education Program are required to complete and pass a security background check in order to take field-experience courses. Past criminal violations may prevent a student from completing the degree and from being hired by school systems or other child care facilities upon graduation.

2. Students must complete all Technical Requirement courses as well as ENGL 111G, ENGL 211G, MATH 111, MATH 112 and MATH 120 with a grade of C or better.

3. Students must have a 2.0 GPA to graduate from this program. However, a 2.5 GPA is required for acceptance into the Teacher Education Program at NMSU. For this reason, it is highly recommended that DACC students complete the Education Program with a 2.5 cumulative GPA.

4. Any education course more than seven years old taken at NMSU, NMSU community colleges or other institutions will not be counted toward the student's baccalaureate program. It is highly recommended that students request a review of their cumulative coursework by the appropriate department at NMSU. Any course not approved must be repeated by the student.

Associate Degree (68 credits)

NOTE: Courses preceded by an asterisk (*) are required to apply for the Teacher Education Program (TEP). All courses listed may be applied toward a degree at NMSU. Courses in bold are part of the New Mexico Common Core.

Core Requirements—Area I: 13 credits

Communications

*ENGL 111G, Rhetoric and Composition 4

English:

*ENGL 211G or *ENGL 311G (3)
ENGL 363 or LING 200G (3)

*NOTE: Consult an education advisor before completing ENGL requirements. LING 200G is recommended for Elementary Bilingual and Secondary Language Arts only. ENGL 311G and ENGL 363 must be taken at NMSU.

COMM 253G Public Speaking 3

OR COMM 263G Principles of Human Communication

Core Requirements—Area II: 6 credits

Mathematics

Choose one of the following pairs of courses: 6

\{ *MATH 111 Fundamentals of Elementary Math I (3) \\
+ *MATH 112G Fund. of Elementary Math II (3) \}

OR

\{ *MATH 120, *MATH 121G, OR *MATH 191G (3) \\
+ MATH 210G Math Appreciation (3) \}

*NOTE: The first combination is recommended for elementary education; the second combination is recommended for secondary education. The prerequisite for MATH 111 is MATH 120.

MATH 120 = Intermediate Algebra
MATH 121G = College Algebra
MATH 191G = Calculus and Analytic Geometry I

Core Requirements—Area III 12 credits

Laboratory Sciences

Select three courses, each from a different area (all courses must include labs):

ASTR 105G or 110G
BIOL 101G+GL or 110G or 111G+GL or 211G+GL
CHEM 110G or 111G
GEOL 111G or GEOG 111G
PHYS 110G or 211G+GL

*NOTE: It is recommended that students check science requirements for their planned bachelor's degrees. The requirements differ for physical education and some secondary education majors.

Core Requirements—Area IV: 9 credits

Social/Behavioral Sciences

C EP 110G Human Growth and Behavior 3

Choose two of the following in two different departments: 6

ANTH 201G;
ECON 201G, 251G, 252G;
GEOG 112G;
GOVT 100G, GOVT 110G;
SOC 101G

Core Requirements—Area V: 12 credits

Humanities and Fine Arts

Fine Arts:

ART 101G;
MUS 101G, MUS 201G;
THTR 101G;

Any other ART, MUS, or THTR course

History:

HIST 101G or HIST 102G

AND

HIST 201G or HIST 202G

Technical Requirements 16 credits

NOTE: Special Education majors have alternate technical requirements. See an Education advisor for course selection.

*C EP 210, Educational Psychology 3
*EMD 101 Freshman Orientation 1
*EMD 250 Introduction to Education 2
*EDUC 181 Field Experience I 1

OR EDUC 103 Internship in Bilingual Education/ESL

*NOTE: Students majoring in Bilingual Education need to take EDUC 103. See Education advisor before enrolling.

Electives 9

Choose three of the following or other electives as approved by advisor:

C S 110G—College of Education requirement (3)
EDUC 204—recommended for bilingual ed. only (3)
*EDUC 315—TEP prerequisite (3)
*EDLT 368—TEP prerequisite (3)
HIST 261 (3)
*SPED 350—TEP prerequisite (3)
Electronics Technology

Associate of Applied Science Degree
- General Electronics Technology Option
- Biomedical Electronics Option

Certificates of Completion
- General Electronics Technology Option
- Biomedical Electronics Option

(575) 527-7586

The explosion in the number and diversity of electronic devices used in home and industry settings has greatly intensified the demand for qualified technicians. As orders for high-tech communications equipment and electronic products continue to rise, job opportunities for electronics technicians will expand even more. Salaries in the various branches of electronics are among the highest for all technology areas.

Students in the Electronics Technology program learn using state-of-the-art equipment and instrumentation. They work and train in spacious, modern laboratories similar to those used in industry. Students have the opportunity to analyze and troubleshoot actual problems while learning from knowledgeable and experienced instructors.

The Electronics Technology program may be completed on a part-time basis by taking classes during the evening or during the day. Those who wish to pursue a bachelor of science degree in Engineering Technology at New Mexico State University may apply up to 36 credit hours from the Electronics Technology program toward the four-year degree.

While pursuing this program, whether they are taking classes or working as apprentices, students will be required to perform the same job duties and be able to meet the same physical requirements that they will as a graduate in the field. Depending where they find employment, graduates may be required to lift up to 50 pounds from the ground, work safely around electrical equipment using the appropriate safety equipment, work safely using hand and power tools, ascend and descend stairs and ladders, and stand, squat, stoop or kneel for long periods of time.

Two program options are available:

General Electronics Option

The General Electronics Option prepares graduates for entry-level employment as technical assistants and technicians in the fabrication, testing, maintenance, and repair of electrical and electronic equipment. Job opportunities exist in the areas of manufacturing and repair of electronic instruments, audio and video electronics, computers, medical equipment, and industrial and consumer electronic equipment. While positions for electronics technicians are found in all sectors of the economy, many of the jobs in southern New Mexico are in government and defense-related industries. Opportunities for advancement in the electronics field are above average.

Biomedical Electronics Option

The Biomedical Electronics Option is a specialized program focusing on medical equipment. Career opportunities exist in hospital and clinical settings, engineering departments, and medical equipment manufacturing companies, as well as other organizations serving the rapidly expanding medical equipment service market. This course of study will also help prepare the electronics student for the Biomedical Equipment Technician Certification Exam of the International Certification Commission for Clinical Engineering and Biomedical Technology.

Additional Graduation Requirements

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate, students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

Associate Degree (69–70 credits)

NOTES: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

KEY: 1 Recommended for transition track; 2 Recommended for career track

Core Requirements 17 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
<td>Rhetoric and Composition</td>
<td>4</td>
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<tr>
<td>COMM 253G</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G</td>
<td>Principles of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>PSY 201G</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 203G</td>
<td>Business and Professional Communication</td>
<td>3</td>
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<td>OR ENGL 218G</td>
<td>Technical and Scientific Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH 190</td>
<td>Pre-Calculus and Trigonometry</td>
<td>4</td>
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<tr>
<td>OR ELT 120</td>
<td>Math for Electronics</td>
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Related Requirements 4 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>BMGT 140</td>
<td>Principles of Supervision</td>
<td>3</td>
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<tr>
<td>OETS 102</td>
<td>Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
</tbody>
</table>

Technical Requirements 48–49

NOTE: A final grade of C or better is required in all 100-level to progress to 200-level ELT courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ELT 110</td>
<td>Electronics I</td>
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<td>ELT 135</td>
<td>Electronics II</td>
<td>4</td>
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<tr>
<td>ELT 155</td>
<td>Electronic CAD and PCB Design</td>
<td>3</td>
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<tr>
<td>ELT 160</td>
<td>Digital Electronics I</td>
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</tr>
<tr>
<td>ELT 175</td>
<td>Soldering Practices</td>
<td>2</td>
</tr>
<tr>
<td>ELT 205</td>
<td>Semiconductor Devices</td>
<td>4</td>
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<tr>
<td>ELT 225</td>
<td>Computer Application for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>ELT 240</td>
<td>Introduction to Photonics</td>
<td>4</td>
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<tr>
<td>ELT 250</td>
<td>Electronics Systems Analysis</td>
<td>2</td>
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<tr>
<td>ELT 260</td>
<td>Instrumentation Control &amp; Signal Conditioning</td>
<td>4</td>
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</table>

Choose one of the following options: 14–15

GENERAL ELECTRONICS OPTION (15)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ELT 215</td>
<td>Microprocessor Systems I</td>
<td>4</td>
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<tr>
<td>ELT 220</td>
<td>Electronic Communications Systems</td>
<td>4</td>
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<tr>
<td>ELT 230</td>
<td>Microprocessor Systems II</td>
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<tr>
<td>ELT 235</td>
<td>Digital Electronics II</td>
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BIOMEDICAL ELECTRONICS OPTION (14)

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<tr>
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<tbody>
<tr>
<td>ELT 270</td>
<td>Biomedical Equipment Instrumentation</td>
<td>4</td>
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<tr>
<td>OEH 120</td>
<td>Medical Terminology</td>
<td>3</td>
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<tr>
<td>OEH 140</td>
<td>Essentials of Anatomy and Physiology</td>
<td>4</td>
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<tr>
<td>OEH 202</td>
<td>Legal and Ethical Issues in Health Care</td>
<td>3</td>
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Certificate of Completion: Electronics Technology (26 credits)

<table>
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<tr>
<th>Technical Requirements</th>
<th>26 credits</th>
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<tbody>
<tr>
<td>ELT 110 Electronics I</td>
<td>4</td>
</tr>
<tr>
<td>ELT 120 Mathematics for Electronics</td>
<td>4</td>
</tr>
<tr>
<td>ELT 135 Electronics II</td>
<td>4</td>
</tr>
<tr>
<td>ELT 155 Electronic CAD and PCB Design</td>
<td>3</td>
</tr>
<tr>
<td>ELT 160 Digital Electronics I</td>
<td>4</td>
</tr>
<tr>
<td>OETS 102 Career Readiness Certification Preparation</td>
<td>1</td>
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<td>ELT approved electives</td>
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Certificate of Completion: Biomedical Electronics (47 credits)

<table>
<thead>
<tr>
<th>Prerequisites</th>
<th>16 credits</th>
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<tbody>
<tr>
<td>ELT 110 Electronics I</td>
<td>4</td>
</tr>
<tr>
<td>ELT 120 Mathematics for Electronics</td>
<td>4</td>
</tr>
<tr>
<td>ELT 205 Semiconductor Devices</td>
<td>4</td>
</tr>
<tr>
<td>ELT 260 Instrumentation Control &amp; Signal Conditioning</td>
<td>4</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Related Requirements</th>
<th>11 credits</th>
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<tbody>
<tr>
<td>OEHO 120 Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>OEHO 140 Essentials of Anatomy and Physiology</td>
<td>4</td>
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<tr>
<td>OEHO 202 Legal and Ethical Issues in Healthcare</td>
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</tr>
<tr>
<td>OETS 102 Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>20 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELT 135 Electronics II</td>
<td>4</td>
</tr>
<tr>
<td>ELT 155 Electronic CAD and PCB Design</td>
<td>3</td>
</tr>
<tr>
<td>ELT 160 Digital Electronics I</td>
<td>4</td>
</tr>
<tr>
<td>ELT 175 Soldering Practices</td>
<td>2</td>
</tr>
<tr>
<td>ELT 225 Computer Applications for Technicians</td>
<td>3</td>
</tr>
<tr>
<td>ELT 270 Biomedical Equipment Instrumentation</td>
<td>4</td>
</tr>
</tbody>
</table>

Emergency Medical Services

Preparation for EMT–Basic Licensure
Preparation for EMT–Intermediate Licensure
Certificate of Completion: First Responder Pre-hospital
Certificate of Completion: Paramedic
Associate of Applied Science Degree

(575) 527-7645

Prehospital emergency medical care is a challenging and exciting profession. People’s lives often depend on the quick reaction and competent care of emergency medical technicians (EMTs) and paramedics. Emergency medical services (EMS) professionals may work at any of four different levels: first responder, EMT–basic, EMT–intermediate, and paramedic. Upon successful completion of training, students are eligible for employment in many types of emergency medical systems nationwide—in fire departments, municipal services, private ambulance services, federal services, industry, hospital emergency departments, and hospital-based ambulance systems. The demand for EMS professionals is increasing.

DACC offers all levels of EMS education, as well as an opportunity to earn an associate of applied science degree at the paramedic level. Successful completion of an EMS program will allow for certification/licensure testing at the state and national level.

At each EMS program level, students gain additional knowledge and skills to enable them to function in the clinical and field settings with nurses, physicians, and other healthcare professionals. In classes, students learn about anatomy and physiology, the pathophysiology of diseases, traumatic injuries, pharmacology, and cardiac care. Students acquire skills through laboratory practice, clinical experience in hospitals, and field experience with ambulance services throughout the state. Students may be scheduled at a variety of clinical and field sites which include areas outside Las Cruces.

Program Accreditation

The Emergency Medical Services Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Profession (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs
To contact CoAEMSP
1361 Park Street
Clearwater, FL 33756
727-210-2350
www.caahep.org

In addition, the program is approved by the New Mexico Office of Health Emergency Management.

Required Skills and Abilities

All EMS programs require that the student be able to—
- lift, carry and balance up to 125 pounds (250 pounds with assistance)
- carry out emergency and non-emergency patient care, including, light extrication (i.e., be able to assume a variety of postural positions and be capable of physical maneuvers ranging from crawling, kneeling, squatting, twisting, turning, and bending, to climbing stairs and ladders)
- withstand varied environmental conditions such as extreme heat, cold, and moisture.

EMS Entrance Requirements

Specific entrance requirements and prerequisites vary depending on the qualifications of the applicant and the level of training/licensure sought:

EMT–Basic:
- Completion of background check and drug screening

EMT–Intermediate:
- Successful completion of EMT–Basic coursework
- EMT–Basic license in hand prior to admission, or by end of sixth week of EMT–Intermediate program
- Score of no less than 80 percent on departmental entrance exam
- Completion of background check and drug screening

EMT–Paramedic: Applicants will be judged according to the following criteria and submissions:
- Copy of current New Mexico state EMT–Basic or EMT–Intermediate license
• Written, oral, and practical assessment exams at the EMT-Basic or EMT-Intermediate level, depending on current licensure
• Score on HOBET Exam
• Completion of OEEM 201 Human Pathophysiology
• Completion of OEEM 206 Intro. to Advance Prehospital Care
• Completion of OEEM 207 Pharmacology
• Copy of current healthcare provider CPR card
• High school and/or college transcript(s) and GPA
• COMPASS/ACT scores in English and math
• Completed departmental application, including résumé and letter of intent
• Letters of recommendation
• Completion of background check and drug screening

The EMT–Paramedic certificate program consists of a minimum of 45 credits, while the associate of applied science degree program is a minimum of 74 credits in length. Students may take the general education courses for the associate of applied science degree at any time; however, courses listed in the “Program Requirements” section (which are common to both the associate degree and certificate programs) must be taken in the prescribed sequence. In order to progress through the program, students must meet specific departmental grading criteria in every course taken. This portion of the curriculum must be completed within a three-year period. Thus, those opting to study on a part-time basis are advised to plan carefully in order to take courses in the correct sequence.

Students who are currently licensed in New Mexico at the EMT–Intermediate level may be allowed to take a proficiency exam in lieu of OEEM 150. Any student entering OEEM 150 must have a current New Mexico EMT–Basic license (see course descriptions for OEEM 120 or OEEM 115 and 116.)

Applications for the Paramedic program may be requested from the Health and Public Services Division office (room DAHL-190, telephone 527-7660) or directly from the EMS office (room DAMA-72, telephone 527-7645).

In order to graduate with a certificate or an associate degree, students must earn a C or better in all required courses (departmental and nondepartmental courses).

**Preparation for EMT–Basic Licensure** (10 credits)

This program makes possible rapid completion and quick entry into the workforce. Those who complete the program will be qualified to work in various settings within the emergency medical services field, including hospitals, ambulance services, and fire departments. The credits earned also may be applied toward completion of the EMT–Intermediate program and the associate degree in emergency medical services.

**Technical Requirements** 10 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEEM 101</td>
<td>CPR for the Health Care Provider</td>
<td>1</td>
</tr>
<tr>
<td>OEEM 120</td>
<td>Emergency Medical Technician–Basic</td>
<td>6</td>
</tr>
<tr>
<td>OEEM 120L</td>
<td>Emergency Medical Technician–Basic Lab</td>
<td>2</td>
</tr>
<tr>
<td>OEEM 121</td>
<td>Emergency Medical Technician–Basic Field/Clinical</td>
<td>1</td>
</tr>
</tbody>
</table>

**Preparation for EMT–Intermediate Licensure** (9 credits)

This program, which prepares students for EMT–Intermediate licensure, is also designed for those who desire to enter the workforce quickly. Graduates will be qualified to work in various settings within the emergency medical services field, including hospitals, ambulance services, and fire departments. Credits earned in this program also apply toward the associate degree in emergency medical services.

**Prerequisites**

1. New Mexico State Emergency Technician–Basic Licensure
2. Successful completion of pre-entrance examination
3. Documentation of rubella test within the last twenty years and tuberculin test with expiration date past end of semester
4. Completion of background check and drug screening

**Technical Requirements** 9 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEEM 150</td>
<td>Emergency Medical Technician–Intermediate</td>
<td>5</td>
</tr>
<tr>
<td>OEEM 150L</td>
<td>Emergency Medical Technician–Intermediate Lab</td>
<td>2</td>
</tr>
<tr>
<td>OEEM 151</td>
<td>Emergency Medical Technician–Intermediate Field/Clinical</td>
<td>2</td>
</tr>
</tbody>
</table>

**Certificate of Completion:**

**First Responder Pre-hospital (4 credits)**

**Technical Requirements** 4 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEEM 101</td>
<td>CPR for Healthcare Providers</td>
<td>1</td>
</tr>
<tr>
<td>OEEM 115</td>
<td>First Responder Prehospital Professional</td>
<td>3</td>
</tr>
</tbody>
</table>

**Certificate of Completion:** **Paramedic** (47–53 credits)

Students pursuing the paramedic certificate take only the technical requirements listed for the associate degree in Emergency Medical Services.

**Associate Degree** (76–82 credits)

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

**Core Requirements** 16 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
<td>Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 203G</td>
<td>Business &amp; Prof. Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 218G</td>
<td>Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>OR BOT 209</td>
<td>Business &amp; Technical Communication</td>
<td></td>
</tr>
<tr>
<td>OR C S 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR O ECS 105</td>
<td>Introduction to Microcomputer Technology</td>
<td></td>
</tr>
<tr>
<td>OR COMM 265G</td>
<td>Principles of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 253G</td>
<td>Public Speaking</td>
<td></td>
</tr>
<tr>
<td>OR OEHO 101</td>
<td>Communications for Health</td>
<td></td>
</tr>
<tr>
<td>MATH 120</td>
<td>Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>OR OEHO 116</td>
<td>Math for Health Occupations</td>
<td></td>
</tr>
<tr>
<td>OR PSY 201G</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G</td>
<td>Introductory Sociology</td>
<td></td>
</tr>
</tbody>
</table>

**Related Requirements** 13 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT 140</td>
<td>Principles of Supervision I</td>
<td>3</td>
</tr>
<tr>
<td>OEHO 120</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>Choose option A or B below:</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>A. OEHO 140</td>
<td>Essentials of Anatomy &amp; Physiology (4 cr.)</td>
<td></td>
</tr>
<tr>
<td>B. SP M 271</td>
<td>Human Systemic Anatomy (3 cr.) AND SP M 271L</td>
<td>1 cr.</td>
</tr>
</tbody>
</table>

Approved elective 3
Fire investigations

Associate of Applied Science Degree

(575) 527-7746

Fire investigations is a complex career field that involves multiple disciplines, including the criminal justice system. Fire investigators must be analytical, as well as knowledgeable in criminal investigations, the rule of law, and arrest, search and seizure. They usually rely on scientific principles and research in an analysis of fire remains to determine the cause and origin of the fire. Investigators work to determine whether the fire was deliberately set and what contributed to its subsequent growth. These findings can become an integral part of a criminal investigation that may require legal action to be taken against the responsible party.

Fire investigation findings can also be used in the evaluation of existing fire codes and development of legislation to prevent and reduce the loss of life and property due to fire. The fire investigations program provides the fire student with a basic foundation in fire science and law enforcement to actively seek a career in the field of fire investigations.

In order to receive credit toward the associate degree, a student must earn a grade of C or better in all classes.

NOTE: All courses in this program may be applied toward a Bachelor of Applied Studies or Bachelor of Individualized Studies degree at NMSU. This program does not certify the student as a fire investigator, but promotes professional development to help reduce the loss of life and property from fire. Students seeking fire investigator certification should consult the various professional associations granting certification.

Required Skills and Abilities

Physical Abilities

This program requires that the student be able to—

• lift, carry and balance up to 125 pounds (250 pounds with assistance)

• assume a variety of postural positions and be capable of physical maneuvers ranging from crawling, kneeling, squatting, twisting, turning, and bending, to climbing stairs and ladders)

• withstand varied environmental conditions such as extreme heat, cold, and moisture.

Technology Competencies

In an effort to assist students with adequate preparation for their coursework at DACC, technology competencies have been identified and established. These competencies are in effect for all courses taken in the Fire Investigations program. Students must possess the following minimum competencies. Additional competencies may be required for particular courses/programs:

• Access course and program material on the Web using Mozilla Firefox and/or MS Internet Explorer

• Correspond with DACC students and faculty using e-mail and the Web

• Complete, send, and receive assignments using e-mail and attachments/files

• Use the DACC Library e-books, e-journals, databases, or credible World Wide Web resources for research and completion of course assignments

• Prepare and conduct presentations in the classroom using presentation equipment as required.

• Use the appropriate software for a given course (DACC uses as standards Microsoft products, including MS Word, MS Project, MS Excel, and MS PowerPoint)

• Use CD-ROMs when required as part of course assignments

• Use an appropriate anti-virus application to insure the files transmitted and received are virus free

• Use recommended plagiarism review software to insure work is not plagiarized

Leveling Courses (24 credits)

Students without a degree in Fire Science Technology will also need to complete the courses in this section. They may be taken while enrolled in the Fire Investigations program.

OEE 115 First Responder—Prehospital Professional 3
FIRE 114 Fire Behavior and Combustion 3
FIRE 126 Fire Prevention I 3
FIRE 210 Building Construction for the Fire Services 3
FIRE 216 Chemistry of Hazardous Materials 3
FIRE 223 Fire Investigations I 3
FIRE 225  Fire Protection Systems  3
FIRE 233  Practical Approach to Terrorism  3

**Associate Degree (66 credits)**

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>23 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 203G Business &amp; Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 211G Writing in the Humanities and Social Sciences</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 218G Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 253G Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>MATH 210G Math Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 110G Principles &amp; Applications of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>PSY 201G Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 101G Introductory Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Related Requirements</th>
<th>3–4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 111 Elementary Spanish I (4)</td>
<td>3–4</td>
</tr>
<tr>
<td>OR SPAN 213 Spanish for Native Speakers I (3)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>39–40 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOTE: Some of the following courses may have prerequisites found in the “Leveling Courses” section.</td>
<td></td>
</tr>
<tr>
<td>C J 101G Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>C J 205  Criminal Law I</td>
<td>3</td>
</tr>
<tr>
<td>C J 210 American Law Enforcement Systems</td>
<td>3</td>
</tr>
<tr>
<td>C J 221 Fundamentals of Criminal Investigations</td>
<td>3</td>
</tr>
<tr>
<td>C J 250 Courts and the Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 201 Introduction to Juvenile Delinquency</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 202 Police Patrol Procedures</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 205 Practical Field Investigations</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 207 Legal Aspects of Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>FIRE 226 Fire Investigations II</td>
<td>3</td>
</tr>
<tr>
<td>Electives chosen in consultation with advisor</td>
<td>9–10</td>
</tr>
</tbody>
</table>

Leveling courses can be used to fulfill this requirement.

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**Fire Science Technology**

**Associate of Applied Science Degree**

**Certificate of Completion: Fire Science**

(575) 527–7746

**NOTE:** This program does not emphasize firefighter operations. Instead, it focuses on theory, investigation, prevention, and management. Students wishing to enter the fire service may benefit from the general background provided and may receive Firefighter I certification through the New Mexico Firefighters Training Academy in Socorro, N.M.

Every year, fire and other emergencies take thousands of lives and destroy property worth billions of dollars. Firefighters help protect the public against these dangers. They are frequently the first emergency personnel at the scene of a traffic accident or medical emergency and may be called upon to put out a fire, treat injuries, or perform other vital functions.

Firefighters work in a wide variety of settings, including urban and suburban areas, airports, chemical plants and other industrial sites, and such rural areas as wildlands and forests. When wildland fires break out, crews of firefighters are brought in to suppress the fires with heavy equipment and hand tools. In addition, smoke jumpers parachute into inaccessible areas. Others who have been trained for the control, prevention, and cleanup of hazardous materials incidents work in hazardous materials units.

Between alarms, firefighters clean and maintain equipment, conduct practice drills and fire inspections, and participate in physical fitness activities. They also prepare written reports on fire incidents and review fire science literature to keep abreast of technological developments and changing administrative practices and policies.

Most fire departments have a fire prevention division, usually headed by a fire marshal and staffed by fire inspectors. Workers in this division conduct inspections of structures to prevent fire and ensure fire code compliance. These firefighters also work with developers and planners to check and approve plans for new buildings. Fire prevention personnel often speak on these subjects in schools and before public assemblies and civic organizations.

Employment of firefighters is expected to grow about as fast as the average for all occupations through 2012, as fire departments continue to compete with other public safety providers for funding. According to the United States Fire Administration, nearly 70 percent of fire companies are staffed by volunteer firefighters. Most job growth will occur as volunteer fire-fighting positions are converted to paid positions. In addition to job growth, openings are expected to result from the need to replace firefighters who retire, stop working for other reasons, or transfer to other occupations.

Doña Ana Community College provides training for firefighting personnel through its Fire Science Technology program, which is accredited by the International Fire Service Accreditation Congress. This program provides classroom instruction leading to an associate of applied science degree in fire science technology or a certificate of completion in firefighting. It is suited to those who are new to the field, as well as seasoned firefighters:

- Career and volunteer firefighters and NMSU student firefighters will improve their job performance and prepare for higher level positions in the fire protection fields.

- Students who wish to enter the field of fire protection will benefit from the basic foundations provided in the technical courses as well as general education courses.

**NOTE:** An articulation agreement exists with the New Mexico Firefighters Training Academy that makes it possible to receive college credit for experience and IF SAC certification. All courses in this program may be applied toward a Bachelor of Applied Studies or Bachelor of Individualized Studies degree at NMSU.

Students must receive a C or better in each course in order for it to apply toward graduation.

**Medical Clearances and Background Checks**

The basic firefighter course requires the student to submit a medical clearance physical and a background check.

**NOTE:** A criminal history may prohibit graduates from being hired or certified by agencies. Students are encouraged to check with the prospective agency and identify that agency’s specific requirements prior to enrolling in this program.
Required Skills and Abilities

Physical Abilities
This program requires that the student be able to—
- lift, carry and balance up to 125 pounds (250 pounds with assistance)
- assume a variety of postural positions and be capable of physical maneuvers ranging from crawling, kneeling, squatting, twisting, turning, and bending, to climbing stairs and ladders
- withstand varied environmental conditions such as extreme heat, cold, and moisture.

Technology Competencies
In an effort to assist students with adequate preparation for their coursework at DACC, technology competencies have been identified and established. These competencies are in effect for all courses taken in the Fire Investigations program. Students must possess the following minimum competencies. Additional competencies may be required for particular courses/programs:
- Access course and program material on the Web using Mozilla Firefox and/or MS Internet Explorer
- Correspond with DACC students and faculty using e-mail and the Web
- Read/print e-mail and attachments/files from students and faculty
- Complete, send, and receive assignments using e-mail and attachments/files
- Use the DACC Library e-books, e-journals, databases, or credible World Wide Web resources for research and completion of course assignments
- Prepare and conduct presentations in the classroom using presentation equipment as required.
- Use the appropriate software for a given course (DACC uses as standards Microsoft products, including MS Word, MS Project, MS Excel, and MS PowerPoint)
- Use CD-ROMs when required as part of course assignments
- Use an appropriate anti-virus application to insure the files transmitted and received are virus free
- Use recommended plagiarism review software to insure work is not plagiarized

Associate Degree (66 credits)

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>26 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 203G Business &amp; Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 218G Technical and Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 253G Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>MATH 210G Math Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 110G Principles and Applications of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>GOVT 100G American National Government</td>
<td>3</td>
</tr>
<tr>
<td>OR GOVT 110G Introduction to Political Science</td>
<td></td>
</tr>
<tr>
<td>PSY 201G Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G Introductory Sociology</td>
<td></td>
</tr>
<tr>
<td>OR SOC 201G Contemporary Social Problems</td>
<td></td>
</tr>
</tbody>
</table>

Certificate of Completion: Fire Science (17 credits)

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>17 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEEM 120 EMT–Basic</td>
<td>6</td>
</tr>
<tr>
<td>OEEM 120L EMT–Basic Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>OEEM 121 EMT–Basic Clinicals</td>
<td>1</td>
</tr>
<tr>
<td>FIRE 101 Basic Firefighter</td>
<td>8</td>
</tr>
</tbody>
</table>

Health Care Assistant

Course-completion certificates:
- Certified Nursing Assistant
- Disabilities Support Services
- Electrocardiogram Technician
- Phlebotomy

Certificate of Completion (for entire program)
(575) 527-7674

This versatile program has been designed to allow graduates to take advantage of expanding career opportunities available throughout the healthcare system. This program consists of options which can be taken separately for individual certifications, or together as part of the complete program. Individual options are Phlebotomy, Certified Nursing Assistant, Electrocardiogram Technician, and Disability Support Staff. Course admission is contingent upon results of criminal background check which will be completed during the first week of class.

Categories of Essential Functions
In order to participate in the Health Care Assistant Program, the student must capable of performing the following:
Program Content 4 credits
NA 110 Electrocardiogram Technician—Basic 4

Phlebotomist Option (one semester — 4 credit hours)

A Phlebotomist is a Healthcare Professional that specializes in extracting blood for analysis from patients. Phlebotomists work hand in hand with other Laboratory Clinicians in assisting physicians in the diagnosing of diseases and/or disorders. Students are required to complete 30 clinical hours separate from class time on their own. Upon successfully completing the course, the student is eligible to take the NHA national exam to become certified as a phlebotomist.

On the first day of class, each student must submit the following:

- Documentation of current tuberculin, rubella, tetanus, and varicella immunizations, or titers
- Proof of current training in basic life-support CPR

Course admission is contingent upon the results of a criminal background check, which will be completed during the first week of class.

Program Requirement 4 credits
NA 109 Phlebotomist Basic 4

Health Care Assistant Certificate Program

Graduates of the healthcare assistant program may work in a variety of settings, including long-term and acute-care facilities, private homes, clinics, and home care agencies. In most cases, the work involves providing hands-on care for patients and support services such as drawing blood, operating specialized equipment, and furnishing the results of diagnostic procedures.

Employment opportunities are numerous in Doña Ana County and the surrounding areas. Salaries for those who have completed diverse competencies within the program average well above minimum wage. Once employed, many graduates will find opportunities for on-the-job training and advancement.

Students may use the program as a base from which to branch out into other healthcare programs, such as nursing, respiratory care, and radiologic technology. The program includes classroom theory, laboratory experience, and applied learning in hands-on situations. Because some of the learning takes place off campus, students will need to arrange for their own transportation.

State and/or national certification is available in certain areas.

- State certification as a Certified Nursing Assistant
- National ECG Technician Certification
- National Phlebotomy Certification

On the first day of class, each student must submit the following:

- Documentation of current tuberculin, rubella, tetanus, and varicella immunizations, or titers
- Proof of current training in basic life support CPR

Course admission is contingent upon results of a criminal background check, which will be completed during the first week of class.

NOTE: Hepatitis B vaccine immunization is strongly recommended for phlebotomy students.
Certificate of Completion (32–33 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Core Requirements 6–7 credits

ENGL 111G Rhetoric and Composition (4) 3–4
OR OEOH 101 Communication for Health Care (3)
MATH 120 Intermediate Algebra 3
OR OEOH 116 Math for Health Occupations

Related Requirements 10 credits

OEOH 120 Medical Terminology 3
OEOH 153 Introduction to Anatomy & Physiology I 4
OR OEOH 140 Essentials of Anatomy & Physiology
Approved elective 3

Program Requirements 16 credits

NA 104 Certified Nursing Assistant Fundamentals 4
NA 105 Certified Nursing Assistant Clinicals 4
NA 109 Phlebotomist Basic 4
NA 110 Electrocardiogram Technician—Basic 4

Health Information Technology

Associate of Applied Science Degree

Certificate of Completion: Health Information Technology

(575) 527-7579

Health Information Technicians are counted among the many highly qualified health professionals necessary to meet the growing needs of the healthcare industry. One of the things that sets this field apart is that there is little or no direct contact with patients.

The following are a sampling of the duties health information technicians typically perform:

• analyzing and evaluating health records that comply with health information standards and regulations;
• compiling various types of administrative and health statistics for research and public policy planning and assessment;
• coding symptoms, diseases, operations, procedures, and other therapies for maximum reimbursement;
• ensuring that health information is complete and available to legitimate users while protecting patient privacy and information security; and
• maintaining and utilizing a variety of health record indexes and storage and retrieval systems.

DACC offers a rigorous course of study to prepare graduates for employment as health information technicians. It includes computer literacy, professional practice skills, and life skills such as critical analytical thinking, problem solving, and good study habits.

Upon successful completion of the program, graduates will have numerous options. Job prospects for HIT professionals are very good because their skills are necessary throughout the entire healthcare industry. Typical work settings are physician practices, hospitals, managed care organizations, long-term care facilities, behavioral health facilities, ambulatory care facilities, rehabilitation centers, home healthcare providers, pharmaceutical companies, insurance companies, consulting and law firms, skilled nursing facilities, and federal and state governmental agencies. Current salary ranges can be found in the Occupational Outlook Handbook at the U.S. Department of Labor web site: http://bls.gov

To graduate from the HIT program, students must complete a cooperative work-experience component. Because this work takes place in a health-care setting, the employer/site may require students to complete and pass a security background check. Past criminal violations could prevent a student from completing the degree or from obtaining employment in the field.

Associate Degree (67–72 credits)

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Core/General Education Requirements 13 credits

ENGL 111G Rhetoric & Composition 4
ENGL 203G Business & Professional Communication 3
OR ENGL 218G Technical & Scientific Communication
OR BOT 209 Business & Technical Communication
COMM 265G Principles of Human Communication 3
OR OEOH 101 Communication for Health Care
MATH 120 Intermediate Algebra 3

Related/Professional Requirements 17–18 credits

BOT 110 Records Management 3
BOT 239 Personal Development (3) 2–3
OR BMGT 201 Work Readiness and Preparation (2)
CS 110 Computer Literacy 3
OR OECS 105 Introduction to Computer Technology
HIT (or BOT) 221/222 Cooperative Experience I/II 3
NOTE: HIT (or BOT) 221/222 is restricted to majors; a maximum of 6 credits of HIT/BOT 221 and 222 may be applied toward degree.
MGT 201 Introduction to Management 3
OR BMGT 140 Principles of Supervision I
OR BMGT 240 Human Relations
STAT 251G Statistics for Business & Behavioral Sciences 3
OR HL 5 295 Foundations of Public Health

Technical/Major Requirements 37–41 credits

BOT 208 Medical Office Procedures 3
BOT 228 Medical Insurance Billing 3
HIT 120 Health Information Introduction to Pharmacology 3
HIT 140 Health Information Introduction to Pathophysiology 3
HIT 150 Introduction to Medical Terminology 3
OR OEOH 120 Medical Terminology
HIT 158 Advanced Medical Terminology 3
HIT 240 Health Information Quality Management 3
HIT 248 Medical Coding I 3
HIT 258 Medical Coding II 3
The climate in New Mexico creates a demand for skilled technicians in both heating and cooling because people prefer to live and work in comfort. Every new home, hospital, university building, shopping mall, or office complex requires installation mechanics, service technicians, operating engineers, maintenance foremen, and trained crews to keep complex environmental systems operating efficiently.

The heating, air conditioning, and refrigeration industry is one of the country’s most stable. The supply of qualified, trained people has not kept pace with the demand, and new opportunities are constantly developing. The demand for trained HVACR graduates is also increasing due to Environmental Protection Agency requirements that refrigerants be handled by a certified technician.

Technicians knowledgeable in heating, air conditioning, and refrigeration are also needed in defense, space exploration, and manufacturing. Because climate control is important wherever microprocessors are used in manufacturing or scientific research, skilled technicians are in demand in these fields. Many experienced technicians own and manage their own businesses.

The Heating, Air Conditioning and Refrigeration program at DACC uses training facilities equipped with the most modern test equipment and tools available. As a student, you will learn to—

- service, repair, and maintain heating, air conditioning, and refrigeration systems;
- read and interpret technical drawings, schematics, and symbols to diagnose and troubleshoot problems in a system;
- evaluate, diagnose, and service various mechanical and electrical controls;
- apply the mathematics related to the heating, air conditioning, and refrigeration trade;
- handle customer relations, shop management procedures, and record keeping relative to the trade;
- properly use special tools and testing equipment; and
- become certified in Section 608, EPA certification.

A unique cooperative training program is offered during the final semester to provide students with field experiences. Working side by side with journeymen technicians, students are offered an opportunity to practice and refine their new skills.

After the first semester, full-time heating, air conditioning, and refrigeration students must purchase a personal set of technician’s tools (approximate cost, $850). The tool set includes the basic tools that most employers require on the job. Part-time students will purchase only those tools required by the specific course(s) in which they are enrolled.

Students will also provide their own medical/accident insurance. They must pay for good physical condition and possess the ability and desire to work with their minds and hands.

The curriculum is competency and performance based and uses multimedia classroom instruction and hands-on laboratory exercises. Classroom and laboratory hours are listed in the Schedule of Classes.

All heating, air conditioning, and refrigeration students are eligible to join SkillsUSA. Membership provides students an opportunity to develop their leadership skills and to become proficient in public speaking and parliamentary procedure. SkillsUSA also offers students a chance to demonstrate their occupational skills. Skill competitions are conducted each year in New Mexico for all post-secondary students.

During the last semester prior to graduation, students will be required to take the North American Technical Excellence (NATE) exam or other approved national competency examination. There will be an additional testing fee.

Whether taking classes or working on a job site, students enrolled in this program will be required to perform the same job duties and
be able to meet the same physical requirements that they will as a graduate in the field. Depending where they find employment, graduates may be required to work in inclement weather, lift up to 50 pounds from the ground, have good eye-hand coordination, work safely around electrical hazards using the appropriate safety equipment, work safely using hand and power tools, ascend and descend stairs and ladders, and stand, squat, stoop, or kneel for long periods of time. Licensure for journeyman gas fitters and journeyman sheet metal workers require both a written and practical exam. Not all licensing agencies provide special testing accommodations.

Additional Graduation Requirements
To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

Associate Degree (66–67 credits)

NOTE: Students must receive a final grade of C or better in all required HVAC courses. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Core Requirements 13 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
<td>Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>BOT 209</td>
<td>Business &amp; Technical Communications</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 203G</td>
<td>Business &amp; Professional Communication</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 218G</td>
<td>Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 253G</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G</td>
<td>Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>PSY 201G</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G</td>
<td>Introductory Sociology</td>
<td></td>
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</tbody>
</table>

Related Requirements 16 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT or any ECON approved elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>C S 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR OECS 105</td>
<td>Introduction to Microcomputer Technology</td>
<td></td>
</tr>
<tr>
<td>OR OECS 227</td>
<td>Computer Applications for Technicians</td>
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</tr>
<tr>
<td>OETS 102</td>
<td>Career Readiness Certification Preparation</td>
<td>1</td>
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<tr>
<td>OETS 118</td>
<td>Mathematics for Technicians</td>
<td>3</td>
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<td>Electives chosen from among the following: HVAC 110, 220, and 225; WELD 102; and/or other approved elective(s)</td>
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Technical Requirements 37–38 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HVAC 100, EPA Clean Air Act: Section 608</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>NOTE: A fee of $45 is required for study guide and testing; must pass Type 1 and Type 2 tests.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVAC 101</td>
<td>Fundamentals of Refrigeration</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 102</td>
<td>Fundamentals of Electricity</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 103</td>
<td>Electrical &amp; Mechanical Controls I</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 113</td>
<td>Job Shadowing</td>
<td>1</td>
</tr>
<tr>
<td>HVAC 205</td>
<td>Commercial Refrigeration Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 207</td>
<td>Residential Air Conditioning Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 209</td>
<td>Residential Heating Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 210</td>
<td>Commercial A/C and Heating Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 211</td>
<td>Heat Pump Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 213</td>
<td>Practicum (3)</td>
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</tr>
<tr>
<td>OR HVAC 295</td>
<td>Basic HVAC Systems Design</td>
<td>4</td>
</tr>
</tbody>
</table>

Certificate in HVAC/R (42 credits)
The following curriculum is designed for students who choose the certificate option in HVAC/R. The certificate program requires approximately a year and a half to complete.

NOTE: A final grade of C or better is required in all required HVAC courses.

Related Requirements 5 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OETS 102</td>
<td>Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
<tr>
<td>Technical approved electives</td>
<td>4</td>
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</table>

Technical Requirements 37 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HVAC 100, EPA Clean Air Act: Section 608</td>
<td>1</td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>HVAC 101</td>
<td>Fundamentals of Refrigeration</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 102</td>
<td>Fundamentals of Electricity</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 207</td>
<td>Residential Air Conditioning Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 209</td>
<td>Residential Heating Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 213</td>
<td>Practicum (3)</td>
<td></td>
</tr>
<tr>
<td>OR HVAC 295</td>
<td>Basic HVAC Systems Design</td>
<td>4</td>
</tr>
</tbody>
</table>

Certificate in Residential HVAC (30 credits)
The following curriculum, which requires approximately one year to complete, is designed to prepare a student to install, service, and maintain residential heating and air conditioning systems.

Related Requirements 5 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OETS 102</td>
<td>Career Readiness Certification Preparation</td>
<td>1</td>
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<tr>
<td>Technical approved electives</td>
<td>4</td>
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</table>

Technical Requirements 25 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<td>HVAC 100, EPA Clean Air Act: Section 608</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>NOTE: A fee of $45 is required for study guide and testing; must pass Type 1 and Type 2 tests.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVAC 101</td>
<td>Fundamentals of Refrigeration</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 102</td>
<td>Fundamentals of Electricity</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 207</td>
<td>Residential Air Conditioning Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 209</td>
<td>Residential Heating Systems</td>
<td>4</td>
</tr>
<tr>
<td>HVAC 213</td>
<td>Practicum (3)</td>
<td></td>
</tr>
<tr>
<td>OR HVAC 295</td>
<td>Basic HVAC Systems Design</td>
<td>4</td>
</tr>
</tbody>
</table>

Hospitality and Tourism

Associate of Applied Science Degree

- Food and Beverage/Culinary Arts Emphasis
- Lodging and Tourism Emphasis

(575) 527-7518

Hospitality and tourism is one of the fastest growing industries in the U.S. and in New Mexico it is the largest employment sector. The industry is highly promoted in Las Cruces, as well as throughout the state.
One reason the hospitality industry has such broad appeal is because there are so many different types of positions available in such a large variety of settings. Graduates may work in—

- front-office operations and reservations
- sales and promotion
- food and beverage operations
- culinary arts, banquets, and catering
- travel and tours
- finance and accounting

in such settings as—

- resorts
- cruise lines
- hotels and motels
- convention facilities
- restaurants

The Hospitality and Tourism associate of applied science degree has two options: Food and Beverage/Culinary Arts, and Lodging and Tourism. Training is offered in supervision, communication, marketing, finance, and operations, as well as in subject matter specific to the option chosen. Through classroom work, volunteering at industry-sponsored events, culinary laboratory experience, and on-site training, students acquire the skills needed to succeed in the hospitality-services industry.

This program is designed for people who are entering the hospitality and tourism field, as well as for those who are already employed in the industry and who want to upgrade their professional skills.

The majority of the credits earned in the DACC Hospitality and Tourism program may be applied toward a bachelor’s degree in Hospitality, Restaurant and Tourism Management at NMSU.

**Associate Degree** *(69 credits)*

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

<table>
<thead>
<tr>
<th>Core/General Education Requirements</th>
<th>19 credits</th>
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<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
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<tr>
<td>COMM 265G Principles of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>BMGT 240 Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>OR: SOC 101G Introductory Sociology</td>
<td></td>
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<tr>
<td>OR: PSY 201G Introduction to Psychology</td>
<td></td>
</tr>
<tr>
<td>BOT 106 Business Math</td>
<td>3</td>
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<tr>
<td>OR: MATH 120 Intermediate Algebra</td>
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<tr>
<td>BOT 209 Business and Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR: ENGL 203G Business &amp; Professional Communication</td>
<td></td>
</tr>
<tr>
<td>OR: ENGL 218G Technical and Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>OEC 105 Introduction to Microcomputer Technology</td>
<td>3</td>
</tr>
<tr>
<td>OR: CS 110 Computer Literacy</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Related/Professional Requirements</th>
<th>17 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 120 Accounting Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>BMGT 201 Work Readiness and Preparation</td>
<td>2</td>
</tr>
<tr>
<td>BMGT 231 Legal Issues in Business</td>
<td>3</td>
</tr>
<tr>
<td>ECON 201G Introduction to Economics</td>
<td>3</td>
</tr>
<tr>
<td>OR: ECON 251G Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>OR: ECON 252G Principles of Microeconomics</td>
<td></td>
</tr>
</tbody>
</table>

The Hospitality Services Management associate of applied science degree (575) 527-7518

Students who earn an associate degree in Hospitality Services Management will have completed the first two years of the four-year Hotel, Restaurant and Tourism Management degree offered by the College of Agricultural, Consumer and Environmental Sciences at New Mexico State University. Enrollment in upper-division HRTM courses requires admission to the School of HRTM.

To complete this associate degree, 69 credits are required, including the general education requirements and lower-division HRTM (or HOST equivalent) core described below. Courses may be taken at any NMSU two-year campus and will apply toward this degree. A minimum cumulative grade-point average of 2.0 is also required. The last 15 credits must be completed at DACC.
Program Content: Associate Degree (69 credits)

Area I: Communications 10 credits
- ENGL 111G Rhetoric and Composition 4
- ENGL 203G Business and Professional Communication 3
- OR ENGL 211G Writing in the Humanities & Social Sciences
- OR ENGL 218G Technical & Scientific Communication
- COMM 253G Public Speaking 3
- OR COMM 265G Principles of Human Communication

Area II: Mathematics 3 credits
- MATH 142G Calculus for the Biological & Mgt. Sciences I 3
- OR MATH 210G Mathematics Appreciation

Area III: Science with Laboratory 8 credits
- Two courses selected from the following:
  - ASTR 110G Introduction to Astronomy (4)
  - CHEM 110G Principles and Applications of Chemistry (4)
  - GEOL 111G Survey of Geology (4)
  - PHYS 110G The Great Ideas of Physics (4)

Area IV: Social/Behavioral Sciences 6–9 credits
- NOTE: A total of 15 combined credits from Areas IV and V are required, with at least 9 credits in one of the two areas.
  - ANTH 201G Introduction to Anthropology (3)
  - ANTH 125G Introduction to World Cultures (3)
  - SUGGESTED: ECON 251G Principles of Macroeconomics (3)
  - SUGGESTED: ECON 252G Principles of Microeconomics (3)
  - SOC 101G Introductory Sociology (3)
  - GOVT 110G Introduction to Political Science (3)
  - SUGGESTED: PSY 201G Introduction to Psychology (3)

Area V: Humanities and Fine Arts 6–9 credits
- NOTE: A total of 15 combined credits from Areas IV and V are required, with at least 9 credits in one of the two areas.
  - ART 101G Orientation in Art (3)
  - HIST 101G Roots of Modern Europe (3)
  - HIST 102G Modern Europe (3)
  - HIST 201G Introduction to Early American History (3)
  - HIST 202G Introduction to Recent American History (3)
  - MUS 101G An Introduction to Music (3)
  - PHIL 101G The Art of Wondering (3)
  - PHIL 201G Introduction to Philosophy (3)
  - THTR 101G Introduction to Theater (3)

Technical Requirements 33 credits
- HOST 201 Intro. to Hospitality Industry 3
- HOST 202* Front Office Operation 3
- HOST 203* Food and Beverage Operations 3
- HOST 204* Promotion of Hospitality Services 3
- HOST 206 Travel and Tourism Operations 3
- HOST 208* Hospitality Supervision 3
- HOST 209* Managerial Accounting for Hospitality 3

HOST 211 Food Production Principles 3
HOST 212* Advanced Food Production 3
HOST 216* Event, Conference and Convention Operations 3
HOST 219 Safety, Security & Sanitation in Hospitality Operations 3

* Courses are not accepted for upper division credit at NMSU.

NOTES:
In order to complete the Bachelor of Science in HRTM, students are required to take 48 credits of upper division work.

Additional courses required by HRTM that can be taken at DACC: ACCT 252, ECON 201 (if student takes ECON 251 and 252, this course is waived), SPAN 111.

Other HOST courses not listed above and taken at DACC or other NMSU community college campuses will be accepted for credit by the School of HRTM as open elective credits.

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Law Enforcement and Criminal Justice

Associate of Applied Science Degree
- Corrections Option
- Law Enforcement Option

Associate of Criminal Justice

Certificate of Completion: Law Enforcement Academy
(575) 527-7746 or 528-7247

The Law Enforcement program provides classroom instruction leading to an associate degree in the fields of corrections or law enforcement. This program provides courses to prepare for entry-level careers in agencies at the local, state, and federal levels, as well as private agencies. Some of the career areas available to graduates are law enforcement, private security and related services, adult and juvenile corrections, probation and parole, law, and others.

Those currently working as career officers in law enforcement can also benefit from the program, which can provide them with a better understanding of their roles in the criminal justice system while helping them prepare for higher level positions within their organizations.

Required Skills and Abilities

Physical Abilities

This program requires that the student be able to:
- lift, carry and balance up to 125 pounds (250 pounds with assistance)
- assume a variety of postural positions and be capable of physical maneuvers ranging from crawling, kneeling, squatting, twisting, turning, and bending (to climbing stairs and ladders)
- withstand varied environmental conditions such as extreme heat, cold, and moisture.

Technology Competencies

In an effort to assist students with adequate preparation for their coursework at DACC, technology competencies have been identified and established. These competencies are in effect for all courses taken in the Fire Investigations program. Students must possess the following minimum competencies. Additional competencies may be required for particular courses/programs:
Degrees and Options

Corrections/Law Enforcement with the Corrections Option

The Corrections option emphasizes the correctional aspect of the criminal justice system and offers a broad understanding of correctional institutions and alternatives. General studies are offered to students seeking employment in confinement facilities, institutional security, and other similar programs. The student also is prepared to work in adult and juvenile correctional agencies at the local, state, and federal levels.

Workers in the corrections field are responsible for overseeing individuals who have been arrested and are awaiting trial or who have been convicted of a crime and sentenced to serve time in a jail, reformatory, or penitentiary. The majority of officers are employed by local, county, state, and federal institutions.

While the primary mission of corrections is protection of the public, many officers are involved in the treatment, education, and reintegration of offenders. These officers may find employment as wardens, jail administrators, program coordinators and counselors, public information officers, correctional trainers, case managers, probation/parole officers, corrections officers, detention officers or other related careers.

NOTE: An articulation agreement exists with the Corrections Department of New Mexico that makes it possible to receive college credit for experience and/or training.

Corrections/Law Enforcement with the Law Enforcement Option

The Law Enforcement option emphasizes the law enforcement aspect of the criminal justice system. This degree offers the law enforcement student a general understanding of the police officer's multifaceted role in the United States. It also prepares the student with the basic foundations of police work for possible employment opportunities with local, state and federal governments, and private industry.

Most law enforcement officers are employed by the security industry and local, county, and state governments. They have duties that range from providing security to controlling traffic to preventing and investigating crimes. They maintain order, enforce laws and ordinances, issue traffic summonses, investigate accidents, present evidence in court, serve legal documents for the court system, and apprehend, arrest and process prisoners. Career opportunities include positions as private investigators, security officers, loss-prevention officers, police officers, sheriff and deputy officers, criminal investigators, game wardens, private detectives, and bailiffs.

Many law enforcement agencies encourage the applicants to take postsecondary school training in law enforcement-related subjects. Many entry-level applicants for police jobs have completed formal postsecondary education and a significant number are college graduates. Knowledge of a foreign language is an asset in many federal agencies and urban departments.

Additional information on professional requirements and qualifications may be obtained from the U.S. Department of Labor, Bureau of Labor Statistics, at www.bls.gov.

NOTE: An articulation agreement exists with the Department of Public Safety of New Mexico that makes it possible to receive college credit for experience and/or training.

The Associate Degree in Criminal Justice

The associate of criminal justice introduces students to three facets of the criminal justice system: police, courts, and corrections. Broadly interdisciplinary—embracing the study of law, the humanities, and the natural, behavioral, and social sciences—the curriculum prepares students to transition into the NMSU bachelor’s degree program in criminal justice, or the bachelor of applied studies, at the junior level.

In order to receive credit toward either the associate degree or the bachelor’s degree, a student must earn a C or better in all courses.

Associate Degree:

Corrections/Law Enforcement (66 credits)

NOTE: All courses in this program may be applied toward a Bachelor of Applied Studies or Individualized Studies degree at NMSU.

Core Requirements  22 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
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<tr>
<td>COMM 253G</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>COMM 265G Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>MATH elective chosen in consultation with advisor</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GOVT 100G</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PSY 201G</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 101G</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Related Requirements  6–7 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 111</td>
<td>Elementary Spanish (4)</td>
<td>3–4</td>
</tr>
<tr>
<td>OR</td>
<td>SPAN 213 Spanish for Native Speakers</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Technical Requirements  37 – 38 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C J 101G</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>C J 205</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>C J 250</td>
<td>Courts and the Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 201</td>
<td>Introduction to Juvenile Delinquency</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 207</td>
<td>Legal Aspects of Law Enforcement</td>
<td>3</td>
</tr>
</tbody>
</table>
LAWE 233 Practical Approach to Terrorism 3
Elective(s) chosen in consultation with advisor 1–8

Choose one of the following two options 12–18

**CORRECTIONS OPTION (12)**
C J 230 Introduction to Corrections (3)
LAWE 204 Introduction to Homeland Security (3)
** OR ** C J 293 Field Experience in Criminal Justice
LAWE 205 Practical Field Investigations (3)
LAWE 206 Systems & Pract. in Corrections (3)
LAWE 207 Policing in America (3)

**LAW ENFORCEMENT OPTION (18)**
C J 210 American Law Enforcement System (3)
** OR ** LAWE 202 Police Patrol Procedures
C J 221 Fundamentals of Criminal Investigations (3)
C J 293 Field Experience in Criminal Justice (3)
LAWE 203 Introduction to Police Supervision (3)
LAWE 204 Introduction to Homeland Security (3)
LAWE 205 Practical Field Investigations (3)

DACC Law Enforcement Academy (33 credits)
All Law Enforcement Courses are offered at DACC.

Technical Requirements 33 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAWE 210 Introduction to Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 211 Policing in America</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 212 Patrol Procedures</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 213 Criminal Investigations</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 214 Criminal Law and Procedures</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 215 Emergency Vehicle Operations</td>
<td>1</td>
</tr>
<tr>
<td>LAWE 216 Traffic Law and Procedures</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 217 Custody and Defensive Tactics</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 218 Basic Firearms</td>
<td>3</td>
</tr>
<tr>
<td>LAWE 219 Law Enforcement Report Writing</td>
<td>4</td>
</tr>
<tr>
<td>LAWE 222 Law Enforcement Physical Fitness</td>
<td>2</td>
</tr>
<tr>
<td>OEEM 102 Heart Saver, First Aid, and CPR</td>
<td>2</td>
</tr>
</tbody>
</table>

Associate Degree: Criminal Justice (66 credits)

**NOTE:** All courses listed under “Core Requirements” and “Major Requirements” may be applied toward a bachelor’s degree in criminal justice at NMSU.

Core Requirements 36 credits

| AREA I: Communications courses            | 10      |
| (One course must be ENGL 111G, Rhetoric and Composition) |
| AREA II: Mathematics/Algebra courses      | 3       |
| AREA III: Laboratory Science courses      | 8       |
| AREA IV: Social/Behavioral Sciences courses** | 6–9     |
| AREA V: Humanities and Fine Arts courses** | 6–9     |

**NOTE:** Student must have at least nine credits in either AREA IV or AREA V.
**NOTE:** When selecting courses for each of the areas listed above, follow “The New Mexico General Education Common Core” guidelines at the front of this catalog.

Major Requirements 30 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C J 101G Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>C J 205 Criminal Law I</td>
<td>3</td>
</tr>
<tr>
<td>C J 210 American Law Enforcement Systems</td>
<td>3</td>
</tr>
<tr>
<td>C J 221 Fundamentals of Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>C J 230 Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>C J 250 Courts and the Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td>Approved electives</td>
<td>12</td>
</tr>
</tbody>
</table>

Library Science

Associate of Applied Science Degree

Certificates of Completion:
- Customized Study in Library Science
- Fundamentals of Library Science
- Specialized Topics in Library Science
- Children’s Literature

School Library Media Specialist Endorsement

(575) 527–7567 or 528–7338

In this Information Age, the role of libraries in providing for the knowledge needs of all sectors of the population is expanding. The changing needs of information management in our society have sparked an increasing demand for the work of library and information specialists who can organize, manage, and retrieve information from the vast storehouses that exist.

While library and information centers retain their traditional study tables and shelves full of books, increasingly they are being transformed into computerized clearinghouses to accommodate the rapidly evolving information technology. Electronic catalogs, online databases, CD-ROM and DVD products, the Internet and Web 2.0 tools provide almost unlimited access to the information people need for lifelong learning, and for both professional and recreational activities.

Employment opportunities in libraries and throughout the rest of the information management field are growing. Acquiring, organizing and preserving, and providing access to the vast wealth of materials that exist in increasingly automated environments are ongoing challenges. Those who have strong skills in these areas will find themselves in great demand in the job market.

Library Science Program graduates are prepared to work in a variety of settings and positions, including those found in public libraries and school or academic libraries. They may also choose from the wide spectrum of special library positions that are found in corporate, institutional, and government information centers.

Additional information on career opportunities and salaries may be obtained from the Occupational Outlook Handbook, available online at http://www.bls.gov/oco.

Program Options

Besides the associate of applied science degree, the program offers four certificate options in library science skills. Courses required for the certificates may be applied to the associate of applied science degree. In addition, courses offered through this program may be applied to fulfill state requirements for a School Library Media Specialist Endorsement, for those with a teaching certificate.

**NOTE:** All of the certificate options and the associate degree may be completed entirely online. All courses with the “L SC” prefix are available only through online education.
**Associate Degree (66 credits)**

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

**ASTERISK (*) BY CREDIT HOURS:** If the minimum number of credits is taken in either Related or Technical Requirements, then the maximum must be taken in the other category. Total credits must equal at least 66.

### Core Requirements 16 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
<td>Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>BOT 209</td>
<td>Business &amp; Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 203G</td>
<td>Business &amp; Professional Communication</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 211G</td>
<td>Writing in the Humanities &amp; Social Sciences</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 218G</td>
<td>Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 253G</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G</td>
<td>Principles of Human Communication</td>
<td></td>
</tr>
</tbody>
</table>

### Related Requirements 10–12* credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT 140</td>
<td>Principles of Supervision I</td>
<td>3</td>
</tr>
<tr>
<td>OR MGT 201</td>
<td>Introduction to Management</td>
<td></td>
</tr>
<tr>
<td>OR L SC 275</td>
<td>Fundamentals of Library Supervision</td>
<td></td>
</tr>
<tr>
<td>BMGT 201</td>
<td>Work Readiness and Preparation (2)</td>
<td>1–3</td>
</tr>
<tr>
<td>OR BMGT 202</td>
<td>Career Management (1)</td>
<td></td>
</tr>
<tr>
<td>OR L SC 175</td>
<td>Civic Involvement in Library Science (1–3)</td>
<td></td>
</tr>
<tr>
<td>C S 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR EDUC 168</td>
<td>Educational Uses of Computers</td>
<td></td>
</tr>
<tr>
<td>OR L SC 111</td>
<td>Introduction to Information Literacy in an</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Electronic Environment</td>
<td></td>
</tr>
<tr>
<td>OR OECS 105</td>
<td>Introduction to Microcomputer Technology</td>
<td></td>
</tr>
</tbody>
</table>

### Technical Requirements 38–40* credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L SC 100</td>
<td>Intro. to Library &amp; Information Services Careers</td>
<td>3</td>
</tr>
<tr>
<td>L SC 110</td>
<td>Reference &amp; Information Resources I</td>
<td>3</td>
</tr>
<tr>
<td>L SC 120</td>
<td>Cataloging Basics I: Descriptive Cataloging</td>
<td>3</td>
</tr>
<tr>
<td>OR L SC 125</td>
<td>Cataloging Basics II: Classification &amp; MARC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cataloging</td>
<td></td>
</tr>
<tr>
<td>OR L SC 260</td>
<td>Cataloging Non-Book Formats</td>
<td></td>
</tr>
<tr>
<td>L SC 130</td>
<td>Introduction to Technical Services in Libraries</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>and Information Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 140</td>
<td>Multimedia Materials and Presentations in</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Library and Information Centers</td>
<td></td>
</tr>
<tr>
<td>OR L SC 220</td>
<td>Innovative Technology Applications in Libraries</td>
<td></td>
</tr>
<tr>
<td></td>
<td>and Information Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 160</td>
<td>Introduction to Public Services in Libraries</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>and Information Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 210</td>
<td>Technology Planning in Libraries and Information</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 240</td>
<td>Internet Resources and Research Strategies</td>
<td>3</td>
</tr>
</tbody>
</table>

### Certificate of Customized Study in Library Science (36 credits)

This certificate is designed for those who desire to customize their study of Library Science.

### Technical Requirements 36 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 three-credit L SC 100-level courses</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>5 three-credit L SC 200-level courses</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>6 one-credit L SC courses</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

### Certificate of Fundamentals of Library Science (24 credits)

This certificate is designed for those who desire a knowledge of the fundamentals in library science.

### Technical Requirements 24 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L SC 100</td>
<td>Intro. to Library &amp; Information Services Careers</td>
<td>3</td>
</tr>
<tr>
<td>L SC 110</td>
<td>Reference &amp; Information Resources I</td>
<td>3</td>
</tr>
<tr>
<td>L SC 120</td>
<td>Cataloging Basics I: Descriptive Cataloging</td>
<td>3</td>
</tr>
<tr>
<td>OR L SC 125</td>
<td>Cataloging Basics II: Classification &amp; MARC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cataloging</td>
<td></td>
</tr>
<tr>
<td>OR L SC 260</td>
<td>Cataloging Non-Book Formats</td>
<td></td>
</tr>
<tr>
<td>L SC 130</td>
<td>Introduction to Technical Services in Libraries</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>and Information Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 140</td>
<td>Multimedia Materials and Presentations in</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Library and Information Centers</td>
<td></td>
</tr>
<tr>
<td>OR L SC 220</td>
<td>Innovative Technology Applications in Libraries</td>
<td></td>
</tr>
<tr>
<td></td>
<td>and Information Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 160</td>
<td>Introduction to Public Services in Libraries</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>and Information Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 210</td>
<td>Technology Planning in Libraries and Information</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Centers</td>
<td></td>
</tr>
<tr>
<td>L SC 240</td>
<td>Internet Resources and Research Strategies</td>
<td>3</td>
</tr>
</tbody>
</table>

### Certificate of Specialized Topics in Library Science (12 credits)

This certificate is designed for those who desire an in-depth knowledge of specialized topics in Library Science.

### Technical Requirements 12 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 one-credit L SC courses</td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

### Certificate of Children's Literature (18 credits)

This certificate is designed for those who desire a specialization in children's literature.
Technical Requirements 18 credits

L SC 290 Introduction to Children’s Literature 3
OR L SC 295 Introduction to Young Adult Literature

L SC 286 Children’s Literature and the Primary Curriculum 3
OR L SC 287 Children’s Literature and the Intermediate Curriculum
OR L SC 288 Children’s Literature and the Middle School Curriculum

L SC 296 Multicultural Books for Children and Youth 3
L SC 155 Award Winning Books for Children 1
L SC 156 Boys and Books 1

Electives from the following one-credit courses 7 credits

L SC 154 State Children’s Book Awards
L SC 191 Children’s Books and Their Movie Adaptations
L SC 192 Myths and Legends in Children’s Literature
L SC 193 Poetry for Children
L SC 194 The Art of Picture Books
L SC 195 Mysteries for Children
L SC 196 Historical Fiction for Children
L SC 197 Fantasy and Speculative Fiction
L SC 236 Banned Books
L SC 291 Southwestern Children’s Literature
L SC 292 Native American Children’s Literature

About the School Library Media Specialist Endorsement Program

The School Library Media Specialist Endorsement program offers courses that meet or exceed the State Board of Education required competencies for the endorsement. It prepares entry-level library media specialists for positions in both elementary and secondary schools.

The program consists of a minimum of 24 credits from the courses shown in the following list. These are offered through Doña Ana Community College and New Mexico State University. All courses are 3 credits unless noted.

In New Mexico, at least 12 credits need to be upper-division courses for a K-12 endorsement. It is recommended that at least one course be taken from each area, and the student should consult an advisor. Endorsement is applied for by the student directly to the State Department of Education, and granted by the State, not DACC or NMSU. Out-of-state students should check with their state for specific requirements.

NOTE: All L SC and EMD courses are offered only ONLINE. Other courses may be available periodically online. Upper-division courses are offered through NMSU, where undergraduate and graduate tuition rates apply. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

NOTE: Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Fundamentals 3 credits

L SC 130 Introduction to Technical Services in Libraries and Information Centers
OR L SC 160 Introduction to Public Services in Libraries and Information Centers
OR EMD 411/511 Foundations for School Library Specialists

Organization and Administration 3 credits

L SC 203 School Library Media Specialist
OR EMD 412/512 Administration of the School Library

Collection Development and Management 3 credits

L SC 200 Collection Management and Development in Libraries and Information Centers
OR EMD 414/514 Collection Management and Development in School Libraries

Instructional Design and Development 3 credits

ECED 235 Introduction to Reading and Literacy Development
OR EMD 413/513 Curriculum Role of the School Library Specialist

Reference 3 credits

L SC 110 Reference and Information Resources I
OR L SC 111 Introduction to Information Literacy in an Electronic Environment
OR L SC 240 Internet Resources and Research Strategies
OR L SC 250 Reference and Information Resources II
OR LIB 311 Information Literacy

Cataloging 3 credits

L SC 120 Cataloging Basics I: Descriptive Cataloging
OR L SC 125 Cataloging Basics II: Classification and MARC Cataloging
OR L SC 260 Cataloging Non-Book Formats

Technology and Automation 3 credits

L SC 210 Technology Planning in Libraries & Information Centers
OR EDLT 574 Technology Planning and Grant Writing

Design and Utilization of Media 3 credits

L SC 140 Multimedia Materials and Presentations in Library and Information Centers
OR L SC 220 Innovative Technology Applications for Libraries and Information Centers
OR EDUC 568 Technology and Pedagogy

Literature 3 credits

L SC 290 Introduction to Children’s Literature for Libraries and Information Centers
OR L SC 295 Introduction to Young Adult Literature
OR ENGL 363 Literature for Children and Young Adults
OR RDG 314/514 Content Area Literacy
OR RDG 360/560 Elementary School Literacy I
OR RDG 361/561 Elementary School Literacy II
N.M. General Education Common Core

CERTIFICATE OF COMPLETION

See page 27.

Nursing

Associate in Nursing Degree
Licensed Practical Nurse Certificate

(575) 527-7735

The Nursing program at DACC affords students the opportunity to become Licensed Practical Nurses or Registered Nurses and members of a respected and rewarding profession. Nursing is a dynamic and exciting discipline offering not only the rewarding experiences of helping others achieve their health care goals, but also enabling the nurse to become a part of the rapidly advancing health delivery system of the future.

Upon completion of all prerequisite courses and acceptance into the nursing program, four semesters of study prepare the new graduate for a career as an entry-level generalist in Licensed Practical Nursing or Registered Nursing. Graduates of the program are eligible to take the NCLEX-PN or NCLEX-RN licensure exams and become licensed Practical Nurses or Registered Nurses anywhere in the United States. Students should note, however, that program completion does not in and of itself guarantee licensure, which is a function of the various state boards of nursing.

After successful program completion and licensure as a Registered Nurse, DACC graduates are strongly encouraged to continue their professional growth and development through the pursuit of a bachelor of science in nursing (BSN) or a master of science in nursing (MSN) degree program. DACC has designed its ADN program to articulate directly with many RN-to-BSN programs such as the one offered by New Mexico State University. The streamlined articulation process affords nurses the opportunity to earn a BSN degree with one additional year of study after graduation from DACC. The web-based online program design makes it possible for nurses to earn the BSN while working full time.

The DACC nursing program philosophy embraces the concepts of caring and health and wellness while assisting adult learners to achieve their maximum educational potential through exposure to a variety of teaching and evaluation methods. Special emphasis is placed upon caring, the nursing process, critical-thinking, evidence-based practice, therapeutic communication, and the evolving teaching-learning process.

Accreditation

The DACC Nursing program is accredited by the following:

• The National League of Nursing Accrediting Commission
  3343 Peachtree Road NE, Suite 850
  Atlanta, GA 30326
  Telephone: (404) 975-5000

• New Mexico Board of Nursing
  6301 Indian School Road NE, Suite 710
  Albuquerque, NM 87110
  Telephone: (505) 841-8340

Categories of Essential Functions

In order to participate in the Nursing Program, the student must be capable of performing the following:

Observation

• Visually discriminate incremental readings on various medical equipment
• Visually discriminate between different colored objects
• Discriminate between various auditory stimuli

Communication

• Communicate effectively in English using verbal, nonverbal and written formats
• Read and interpret the English language without assistance
• Demonstrate computer literacy

Motor

• Stand for long periods of time
• Lift 50 pounds
• Perform patient care procedures with manual dexterity

Intellectual

• Collect, interpret, and integrate information

Special Admission Criteria

As a professional educational program, the Nursing Program is a limited-entry program. To be considered for admission, students are required to successfully complete 1) all prerequisites, 2) the designated entrance exam, and 3) the student selection process. Information on requirements, transfers, and deadlines for applications are available from the Health and Public Services Office in room DAHL-190, or by calling (575) 527-7735.

Prior to the first day of classes, each student must submit documentation of the following: current immunizations, TB test, American Heart Association CPR for Healthcare Workers, and drug screening. Additional information regarding specific requirements is available from the Nursing Program office.

Nursing Program Prerequisites

The following must be completed before applying to the Nursing program:

• Admission to DACC
• Successful completion of a state-approved nursing assistant program within two years prior to admission into the nursing program, or current state certification as a certified nursing assistant (CNA)
• Completion of all Core and Related Requirements listed in the Program Content section
• Computer literacy

NOTE: Students will be responsible for knowing all the information contained in the related-requirement science courses of Anatomy and Physiology I and II and Microbiology, regardless of when these courses were taken. In the event that they were taken more than seven years prior to admission to the Nursing program, these courses must be repeated for credit.

Security Background Check

Prospective students are required to complete and pass a security background check in order to take clinical courses. Past criminal violations may prevent a student from completing the degree and gaining a nursing license or employment in the field.

Requirements to Remain in the Nursing Program

In order to remain in the program, students must receive a C or better in each technical course attempted. Courses appearing in italics...
are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Course fees
In addition to tuition, a fee of $250 is charged for each of the following courses: NURS 136, NURS 147, NURS 226, and NURS 236.

Licensed Practical Nurse Certificate (56–58 credits)
This certificate program provides an option for those desiring to begin working as licensed practical nurses before finishing the Associate Degree Nursing Program (ADN) program. The certificate curriculum consists of the first two semesters of the ADN program and NURS 224.

Associate Degree in Nursing (71–73 credits)
Four additional courses (15 credits) beyond the LPN program are required to complete the ADN program

Core Requirements for LPN and ADN 7 credits
ENGL 111G Rhetoric and Composition 4
PSY 201G Introduction to Psychology 3

Related Requirements for LPN and ADN 20–22 credits
MATH 120 Intermediate Algebra 3
C EP 110G Growth & Development 3
Choose one of the three pairs of courses that follow: 7–8
\[ \begin{align*}
&\text{OEHO 153 Introduction to Anatomy and Physiology I (4)} \\
&\text{OEHO 154 Introduction to Anatomy and Physiology II (4)}
\end{align*} \]
OR
\[ \begin{align*}
&\text{BIOL 253 Human Anatomy (4)} \\
&\text{BIOL 254 Human Physiology (3)}
\end{align*} \]
OR
\[ \begin{align*}
&\text{BIOL 225 Human Anatomy & Physiology I (4)} \\
&\text{BIOL 226 Human Anatomy & Physiology II (4)}
\end{align*} \]
OEHO 225 Nutrition for Health Occupations 3
OR
HNDS 163 Nutrition for Health 3
OR
HNDS 251 Human Nutrition 3
Choose one of the pairs of BIOL courses or the single OEHO course: 4–5
\[ \begin{align*}
&\text{BIOL 219 Principles of Public Health Microbiology (3)} \\
&\text{BIOL 311L General Microbiology Lab (2)}
\end{align*} \]
OR
\[ \begin{align*}
&\text{BIOL 221 Introduction to Microbiology (3)} \\
&\text{BIOL 221L Introduction to Microbiology Lab (1)}
\end{align*} \]
OR
\[ \begin{align*}
&\text{BIOL 311 General Microbiology (3)} \\
&\text{BIOL 311L General Microbiology Lab (2)}
\end{align*} \]
OR
OEHO 253 Microbiology for Health Occupations 4

LPN and ADN Common Technical Requirements 29 credits
NURS 130 Foundations of Pharmacology 3
NURS 134 Nursing Skills 3
NURS 136 Foundations of Professional Nursing 6
NURS 147 Adult Health I 6
NURS 148 Physical Assessment 2
NURS 149 Psychiatric/Mental Health Nursing 3
NURS 224 Maternal/Child Nursing 6

Additional Technical Requirements for ADN 15 credits
NURS 226 Adult Health Nursing II 6
NURS 234 Community Health Nursing 1
NURS 235 Nursing Leadership and Management 2
NURS 236 Nursing Preceptorship 6

Paralegal Studies

Associate of Applied Science Degree
(575) 527–7642

If you have an interest in the law and how it affects individuals and society as a whole, then a career as a paralegal could be an excellent choice for you. Paralegals enjoy the intellectual challenge of assisting attorneys in finding legal solutions for their clients’ problems.

A precise description of the paralegal’s role is found in the New Mexico Supreme Court’s definition in the Rules Governing Paralegal Services (Rule 20–102A), which states that a paralegal is one who:

1 contracts with or is employed by an attorney, law firm, corporation, governmental agency or other entity
2 performs substantive legal work under the supervision of a licensed attorney who assumes professional responsibility for the final work product
3 meets one or more of the education, training or work experience qualifications set forth in Rule 20–115 NMRA of these rules

In these same Rules, the Court’s examples of substantive legal work include, “case planning, development and management; legal research and analysis; interviewing clients; fact gathering and retrieving information; drafting legal documents; collecting, compiling, and utilizing technical information to make an independent decision and recommendation to the supervising attorney; and representing clients before a state or federal administrative agency if that representation is authorized by law” (Rule 20–102B NMRA).

The DACC Paralegal Studies program focuses on developing skills necessary to perform substantive legal work. Examples of courses leading to that end include Litigation, Legal Research and Writing, Interviewing and Investigation, Virtual Law Office, Legal Ethics, and Torts. Through classroom instruction (including practical exercises and assignments), computer lab practice, and an internship/ co-operative experience, students gain essential skills, as well as a broad background in many different areas of law.

Graduates of the Paralegal Studies program are eligible to apply to take the national certification examination offered by the National
The employment outlook for paralegals is good. Program graduates are employed with private firms, various courts, community legal services, state and federal governmental agencies (e.g., Human Services Departments, public defenders, and district attorneys), as well as a variety of businesses.

**Associate Degree (69–76 credits)**

**NOTE:** Students must pass ENGL 111G, ENGL 203G, and all PL S courses with a minimum grade of C. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

**Core/General Education Requirements** 19 credits

- **ENGL 111G** Rhetoric and Composition 4
- **ENGL 203G** Business & Professional Communication 3
- **COMM 265G** Principles of Human Communication 3
- **MATH 120** Intermediate Algebra 3
- **OR** BOT 106 Business Mathematics 3
- **PHIL 211G** Informal Logic 3
- **PSY 201G** Introduction to Psychology 3
- **OR** SOC 101G Introductory Sociology 3
- **OR** BMGT 240 Human Relations 3

**Related/Professional Requirements** 16–17 credits

- **ACCT 252** Financial Accounting 3
- **OR** BOT 120 Accounting Procedures I 3
- **BMGT 201** Work Readiness & Prep. (2) 1–2
- **OR** BMGT 202 Career Management (1) 2
- **BOT 101** Keyboarding Basics 3
- **BOT 211** Information Processing I 3
- **C S 110** Computer Literacy 3
- **OR** OECS 105 Introduction to Microcomputer Technology 3
- **GOVT 100G** American National Government 3

**Technical/Major Requirements** 34–40 credits

- **PL S 160** Legal System for the Paralegal 3
- **PL S 161** Legal Terminology 3
- **PL S 162** Virtual Law Office 3
- **PL S 190** Criminal Law for the Paralegal 3
- **PL S 200** Legal Ethics for the Paralegal 2
- **PL S 221/222** Cooperative Experience I/II 2–6
  **NOTE:** PL S 221 and 222 are restricted to PL S majors. A maximum of 6 credits of PL S 221 and 222 may be applied toward a degree.
- **PL S 231** Law of Commerce for the Paralegal 3
- **PL S 274** Legal Research and Writing for the Paralegal I 3
- **PL S 275** Tort and Insurance Law for the Paralegal 3
- **PL S 278** Litigation for the Paralegal 3
- **PL S 279** Legal Research and Writing for the Paralegal II 3
- **PL S approved electives** 3–5

**Pre-Business**

**Associate Degree: Pre-Business**

**(575) 527–7640**

**NOTE:** The DACC Pre-Business program is also described in the NMSU Undergraduate Catalog.

The associate of pre-business degree is roughly equivalent to first 66 credit hours of any bachelor’s degree program offered through the College of Business Administration and Economics at NMSU. The DACC associate-degree program includes the general education requirements and lower-division business core.

**Associate of Pre-Business (66 credits)**

This program is administered by NMSU College of Business.

**Core Requirements—Area I:**

*Communications* 10 credits

- **ENGL 111G** Rhetoric and Composition 4
- **ENGL 203G** Business and Professional Communication 3
- **COMM 253G** Public Speaking 3
- **OR** **PHIL 211G** Principles of Human Communication 3

**Core Requirements—Area II:**

*Mathematics* 12 credits

- **MATH 120** Intermediate Algebra 3
- **MATH 121G** College Algebra 3
- **M.** **MATH 142G** Calculus for the Biological & Mgt. Sciences 1 3
- **A ST 251G** Calculus for Business & the Behavioral Sciences 3
- **OR** **STAT 251G** Statistics for Business & the Behavioral Sciences 3

**Core Requirements—Area III:**

*Laboratory Sciences* 8 credits

Select eight credits from two different areas: 8

- ASTR 105G or 110G
- BIOL 101G+GL or 111G+GL
- CHEM 110G or 111G
- GEOG 111G or GEOL 111G
- PHYS 110G or 211G+GL

**Core Requirements—Area IV:**

*Social/Behavioral Sciences* 6–9 credits

**NOTE:** The combined credits from Area Four and Area Five must equal 15.

Choose 6 to 9 credits from the following: 6–9

- **ECON 251G** Principles of Macroeconomics (3)
- **ECON 252G** Principles of Microeconomics (3)
- **PSY 201G** Principles of Psychology or other approved behavioral/social science course (3)

**Core Requirements—Area V:**

*Humanities and Fine Arts* 6–9 credits

**NOTE:** The combined credits from Area Four and Area Five must equal 15.

Choose any two or three courses from the following: 6–9

- ART 101G, 110G; ENGL 244G; HIST 101G, 102G; HIST 201G, 202G; MUS 101G, 201G

**Pre-Business**

**Associate Degree: Pre-Business**

**(575) 527–7640**

**NOTE:** The DACC Pre-Business program is also described in the NMSU Undergraduate Catalog.

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**Core Requirements—Area I:**

*Communications* 10 credits

- **ENGL 111G** Rhetoric and Composition 4
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**Core Requirements—Area II:**

*Mathematics* 12 credits

- **MATH 120** Intermediate Algebra 3
- **MATH 121G** College Algebra 3
- **M.** **MATH 142G** Calculus for the Biological & Mgt. Sciences 1 3
- **A ST 251G** Calculus for Business & the Behavioral Sciences 3
- **OR** **STAT 251G** Statistics for Business & the Behavioral Sciences 3

**Core Requirements—Area III:**

*Laboratory Sciences* 8 credits

Select eight credits from two different areas: 8

- ASTR 105G or 110G
- BIOL 101G+GL or 111G+GL
- CHEM 110G or 111G
- GEOG 111G or GEOL 111G
- PHYS 110G or 211G+GL

**Core Requirements—Area IV:**

*Social/Behavioral Sciences* 6–9 credits

**NOTE:** The combined credits from Area Four and Area Five must equal 15.

Choose 6 to 9 credits from the following: 6–9

- **ECON 251G** Principles of Macroeconomics (3)
- **ECON 252G** Principles of Microeconomics (3)
- **PSY 201G** Principles of Psychology or other approved behavioral/social science course (3)

**Core Requirements—Area V:**

*Humanities and Fine Arts* 6–9 credits

**NOTE:** The combined credits from Area Four and Area Five must equal 15.

Choose any two or three courses from the following: 6–9

- ART 101G, 110G; ENGL 244G; HIST 101G, 102G; HIST 201G, 202G; MUS 101G, 201G
Public Health

Associate of Applied Science Degree

(575) 527-7670

The associate of applied science degree in public health provides the initial course work to prepare students for a career in public health. Public health is an exciting area of practice which takes a population-based focus to health. Individuals in this field interpret community data to determine health needs and intervention priorities. In addition to needs assessment, they work with community leaders to plan, implement, and evaluate community health education interventions such as smoking cessation, chronic and infectious disease awareness campaigns, vaccination programs, and family planning and prenatal care initiatives. This program is ideal for those who like to work with the public, yet who also like to take the broader view of how to promote the health of communities and groups of citizens.

The associate degree program fully articulates with the bachelor of community health degree program offered at the main NMSU campus in the Department of Health Science, which also offers the master of public health in community health education at the graduate level. The courses in this associate of applied science in public health curriculum at DACC will meet the majority of NMSU’s general education degree requirements and are designed to give students a full overview of what public health and community health education practice is all about. There are no special admissions criteria for this program, but prospective majors are advised to arrange an initial degree advising session with the faculty of DACC’s Health Occupations program in the Division of Health and Public Services. The program director will also be able to advise students regarding choices for elective courses.

NOTE: The Associate Degree in Public Health may be obtained entirely online.
Radiologic Technology

Associate Degree: Radiologic Technology

(575) 527-7581

Radiologic Technologists are an important part of the medical team. They produce medical images (x-rays), carry out diagnostic procedures, determine safe radiation exposure limits, and collect technical data necessary to assess client (patient) status. Job prospects in the Las Cruces/El Paso area are occasionally limited, but nationwide there is faster-than-average job growth with many opportunities for persons seeking entry-level positions.

Students in the Radiologic Technology program receive training both in the classroom and in clinical settings, where they work alongside nurses, physicians, and other health-care professionals.

In the classroom, students learn about the anatomy and function of the human body, radiographic physics and equipment, and radiographic procedures. Students acquire skills in radiation protection for the patient and for the health professional. Laboratory activities teach the proper positioning of an injured or ill patient. Clinical work offers students training in diagnostic radiology and introduces the student to various other imaging modalities. The clinical work is offered in Las Cruces, Alamogordo, Artesia, Carlsbad, Deming, Ruidoso, Silver City, and El Paso.

Graduates of the program are eligible to take (and must pass) the American Registry of Radiologic Technologists (ARRT) national certification exam in order to obtain employment in this field. It should be noted that felony or misdemeanor convictions may make a student ineligible to take the ARRT exam. Many states also require a license to practice as a radiographer in that state. Continuing education is required with both the ARRT and state licenses to retain current certification status.

The DACC Radiologic Technology program is fully accredited by the Joint Review Committee on Education in Radiologic Technology.

Special Admissions Criteria

Radiologic Technology is a limited-entry program. Prior to applying to the program, students will have taken all program Core and Related Requirements. The following items are among the criteria considered in the selection of program applicants:

• Overall college GPA
• GPA in Core and Related Requirements courses
• County of residence
• Completion of advanced science or math courses
• Second or third application with a 3.45 GPA

A complete list is included in the application packet, available at the Health and Public Services Office in room DAHL-190 (phone: 527-7630).

Required Skills and Abilities

Students should be able to demonstrate good oral expression (speech clarity), written comprehension, near vision, critical thinking skills, and physical stamina (e.g., the ability to stand for long periods of time, manipulate radiographic equipment, and move/lift patients).

DACC Radiologic Technology Mission

The mission of the DACC Radiologic Technology Program is to provide the student with the academic knowledge and clinical skills necessary to attain eligibility for certification and meaningful employment in the diagnostic imaging profession.

NOTE: Students in the Radiologic Technology program are required to complete and pass a security background check in order to participate in clinical education classes. Past criminal violations may prevent a student from completing the degree and gaining employment in the field.

Associate Degree (76 credits)

NOTE: Radiologic Technology majors must have a C or better in all required courses to graduate. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.

Core Requirements 10 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
<td>Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>OR OEH 116</td>
<td>Math for Health Occupations</td>
<td>3</td>
</tr>
<tr>
<td>OR PSY 201G</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 101G</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Related Requirements 7 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR OECS 105</td>
<td>Introduction to Microcomputer Technology</td>
<td>3</td>
</tr>
<tr>
<td>OEHO 153</td>
<td>Introduction to Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>OR OEHO 140</td>
<td>Essentials of Anatomy and Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>

Technical Requirements 59 credits

NOTE: All RADT classes are restricted to students who have completed the Core and Related Requirements and have been accepted into the Radiologic Technology Program.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADT 100</td>
<td>Introduction to Radiologic Technology and Patient Care</td>
<td>2</td>
</tr>
<tr>
<td>RADT 101</td>
<td>Radiographic Positioning I</td>
<td>4</td>
</tr>
<tr>
<td>RADT 102</td>
<td>Radiographic Positioning II</td>
<td>4</td>
</tr>
<tr>
<td>RADT 103</td>
<td>Introduction to Radiographic Imaging</td>
<td>3</td>
</tr>
<tr>
<td>RADT 104</td>
<td>Special Radiologic Modalities</td>
<td>2</td>
</tr>
<tr>
<td>RADT 105</td>
<td>Radiographic Physics &amp; Equipment</td>
<td>3</td>
</tr>
<tr>
<td>RADT 106</td>
<td>Introduction to Clinical Education in Radiology</td>
<td>6</td>
</tr>
<tr>
<td>RADT 110</td>
<td>Radiographic Pathology</td>
<td>1</td>
</tr>
<tr>
<td>RADT 154</td>
<td>Radiographic Anatomy and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>RADT 200</td>
<td>Radiation Biology and Protection</td>
<td>1</td>
</tr>
<tr>
<td>RADT 201</td>
<td>Clinical Education I</td>
<td>6</td>
</tr>
<tr>
<td>RADT 202</td>
<td>Clinical Education II</td>
<td>11</td>
</tr>
<tr>
<td>RADT 203</td>
<td>Clinical Education III</td>
<td>10</td>
</tr>
<tr>
<td>RADT 205</td>
<td>Radiographic Image Critique</td>
<td>1</td>
</tr>
<tr>
<td>HL S 100</td>
<td>Overview to Community Health Education</td>
<td>1</td>
</tr>
<tr>
<td>HL S 275</td>
<td>Foundations of Community Health Education</td>
<td>3</td>
</tr>
<tr>
<td>HL S 295</td>
<td>Foundations of Public Health, Epidemiology and Biostatistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Epidemiology and Biostatistics

HL S 295  Foundations of Public Health, Epidemiology and Biostatistics 3

Human and Community Services

CHSS 299  Service Learning Experience in Human and Community Services 3
Respiratory Therapy

Associate of Applied Science Degree

(575) 527-7607

Respiratory Therapy is an allied health specialty encompassing the diagnosis, treatment, management and prevention of problems affecting the respiratory and cardiovascular system.

Respiratory Therapy practitioners work side-by-side with physicians, and other healthcare professionals in the hospital setting. They set up oxygen, perform pulmonary function testing, set up and maintain ventilators, administer respiratory drugs, and evaluate patient health status.

Respiratory therapy is a rapidly growing, people-oriented profession. The demand for practitioners is increasing in New Mexico and throughout the United States. While most graduates continue to find employment in hospitals, opportunities are opening up with medical equipment suppliers and agencies providing home health care to pulmonary patients.

The Respiratory Therapy program at Doña Ana Community College is a full-time program that leads to an associate of applied science degree. Through classroom instruction and laboratory practice, students develop the knowledge needed to care for patients. They acquire additional hands-on experience in the clinical setting at surrounding hospitals.

The curriculum and clinical experience are based on the National Standard Curriculum from the American Association of Respiratory Therapy (AARC) and the national accrediting body, the Commission on Accreditation for Respiratory Care (CoARC); www.coarc.org; 1228 Harwood Rd., Bedford, TX 76021; telephone (817) 283-2835. The Respiratory Therapy Program is also accredited by the Commission on Accreditation for Respiratory Care. The program is designed to prepare students to have mastered competency in assessment, diagnosis and treatment of the cardiopulmonary patient.

Upon admittance and throughout the program, students will be required to meet requirements of each clinical site in order to continue in the program.

Clinical course work is required for completion of this program. Additional requirements include but are not limited to the following:

A complete list is included in the application packet, available at the Respiratory Therapy program office in room DAHL-191 (phone: 527-7607).

**Requirements to Participate in Clinical Practice**

Clinical course work is required for completion of this program. Upon admittance and throughout the program, students will be required to meet requirements of each clinical site in order to complete the required course work. Requirements include but are not limited to the following:

1. Background check and fingerprinting through the designated college affiliate (adverse findings may disqualify a student from continuing in the program)
2. Current CPR certification
3. Current TB test
4. Record of current tuberculin, rubella, tetanus, varicella, and Hepatitis B immunizations, or titers.
5. Drug screening

**NOTE:** In a majority of cases, continuing employment in the field is contingent upon successful completion of both the Certified Respiratory Therapist (CRT) exam, as well as the Registered Respiratory Therapist (RRT) exam. The RRT designation serves as the only credential officially recognized in the field. It provides evidence that the holder possesses the skills and abilities essential to the practice of respiratory therapy, among them critical thinking, problem solving, and advanced patient-assessment skills.

**Associate Degree (82 credits)**

**NOTE:** Respiratory Therapy majors must earn a C or better in all Respiratory Therapy and related courses in order to remain in the program. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus. In addition to the requirements listed here, certain Special Topics and Independent Study courses may be recommended by the advisor.

**General Education Requirements**

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<td>Human Relations</td>
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<td>OR</td>
<td>COMM 265G  Principles of Human Communication</td>
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<td>BIOL 219</td>
<td>Public Health Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>BIOL 221L  Introduction to Microbiology Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>OEHO 253</td>
<td>Microbiology for Health Occupations &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>C S 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>OECS 105  Introduction to Microcomputer Technology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 110G</td>
<td>Principles and Applications of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Intermediate Algebra</td>
<td>3</td>
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<td>OEHO 120</td>
<td>Medical Terminology</td>
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</tr>
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<td>Introduction to Anatomy &amp; Physiology I</td>
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Choosing the two BIOL courses or the single OEHO course:

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**Course Codes:**

- RADT - Respiratory Care
- C S - Computer Science
- CHEM - Chemistry
- MATH - Mathematics
- OEHO - Health Occupations
- OECS - Computer Science
- OEHO - Health Occupations
- PSY - Psychology
- SOC - Sociology
- BIOL - Biology
- COMM - Communication
- COM - Communication
- ENGL - English
- BMGT - Business Administration
- OR - Optional
- BIOL - Biology
- BIOL - Biology
- OEHO - Health Occupations
- OEHO - Health Occupations
- CHEM - Chemistry
- MATH - Mathematics
- OECS - Computer Science
- OEHO - Health Occupations
- OEHO - Health Occupations
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- CHEM - Chemistry
- MATH - Mathematics
- OECS - Computer Science
- OEHO - Health Occupations
- OEHO - Health Occupations
- PSY - Psychology
- SOC - Sociology

**Degrees:**

- Associate of Applied Science Degree

**Elective Courses:**

- Optional: RADT 155  Special Topics  0 – 6
- Optional: RADT 156  Independent Study  0 – 6

**Required Skills and Abilities**

Students should be able to demonstrate good oral expression (speech clarity) and written comprehension, critical thinking skills, the ability to hear through a stethoscope or augmented listening device, and physical stamina (e.g., the ability to stand for long periods of time, manipulate respiratory therapy equipment, and move/lift patients and equipment up to 50 pounds, unassisted).

**Program Admissions Criteria**

Respiratory Therapy is a limited-entry program. The following items are among the criteria used in the selection of successful program applicants:

- Health Occupations Basic Entrance Test scores care curriculum
- Cumulative GPA of 3.0 or better
- Completion of the following courses: CHEM 110G and MATH 120, or OEHO 116, 153, 154, and 253 (NOTE: A student may take OEHO 253 after being accepted into the Respiratory Therapy program.)

Additional requirements include but are not limited to the following:

- Record of current tuberculin, rubella, tetanus, varicella, and Hepatitis B immunizations, or titers.
- Drug screening
- Background check and fingerprinting through the designated college affiliate (adverse findings may disqualify a student from continuing in the program)
- Current CPR certification
- Current TB test
- Knowledge of current microorganisms
- Extensive knowledge of medical terminology
- Ability to communicate with patients and physicians
- Self-motivation and willingness to work independently
- Ability to work well with others
- Ability to work under stress

**NOTE:** In a majority of cases, continuing employment in the field is contingent upon successful completion of both the Certified Respiratory Therapist (CRT) exam, as well as the Registered Respiratory Therapist (RRT) exam. The RRT designation serves as the only credential officially recognized in the field. It provides evidence that the holder possesses the skills and abilities essential to the practice of respiratory therapy, among them critical thinking, problem solving, and advanced patient-assessment skills.

**Associate Degree (82 credits)**

**NOTE:** Respiratory Therapy majors must earn a C or better in all Respiratory Therapy and related courses in order to remain in the program. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus. In addition to the requirements listed here, certain Special Topics and Independent Study courses may be recommended by the advisor.

**General Education Requirements**

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<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>PSY 201G  Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>SOC 101G  Introductory Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Related Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 219</td>
<td>Public Health Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>BIOL 221L  Introduction to Microbiology Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>OEHO 253</td>
<td>Microbiology for Health Occupations &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>C S 110</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>OECS 105  Introduction to Microcomputer Technology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 110G</td>
<td>Principles and Applications of Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>OEHO 116  Math for Health Occupations</td>
<td>3</td>
</tr>
<tr>
<td>OEHO 120</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>OEHO 153</td>
<td>Introduction to Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>OEHO 154</td>
<td>Introduction to Anatomy &amp; Physiology II</td>
<td>4</td>
</tr>
</tbody>
</table>
The Water Technology program is an award-winning, up-to-date technical training opportunity that will open doors to a career anywhere in the United States. Graduates of this program have found work in New Mexico, Colorado, Texas, Arizona, California, Vermont, New Hampshire, Iraq, and Puerto Rico. More than 400 graduates have begun careers in the water field, working in such diverse areas as the semiconductor industry, the food processing industry, aerospace industry, electrical power industry, city water and wastewater departments, municipal or contract analytical laboratories, water reuse or recycling plants, metal plating companies, engineering consulting firms, and state planning offices.

While jobs are widely available, training programs like this one are rare. As the treatment of water becomes more technical, municipalities and industries rely on training programs to fill their needs. Students in this program learn how to clean water to make it safe for drinking and how to purify water to a high quality for use in computer chip manufacturing, food processing, or steam generation. They will also learn how to treat wastewater so it can be safely returned to the environment or reclaimed for beneficial use. Instruction also includes maintaining equipment such as pumps, motors, valves, and chemical feeders; laboratory testing and analysis; water chemistry and microbiology; and some basics of supervising and managing a water utility, including budgets, preventive maintenance schemes, and billing. Various course assignments requiring laboratory data sheets, simple process control spreadsheets, and term papers enable students to sharpen their computer and writing skills. General studies in basic algebra, applied math, water chemistry and microbiology, speech, and technical writing round out the curriculum.

Whether taking classes or working on a job site, students enrolled in this program will be required to perform the same job duties and be able to meet the same physical requirements that they will as graduates in the field. Depending where they find employment, graduates may be required to work in inclement weather, lift up to 50 pounds from the ground, work safely around hazardous chemicals using appropriate safety equipment such as a self-contained breathing apparatus, work safely in confined spaces, ascend and descend stairs and ladders to reach equipment, work safely around heavy equipment, work safely and effectively on uneven surfaces, and stand for long periods of time on concrete floors. Some positions in the field require certification and the licensing agency may not provide special testing accommodations.

Opportunities for students to gain new knowledge and skills in operations, maintenance, and laboratory areas are provided through classroom training, hands-on laboratories, field trips, guest lectures, and training on the program’s own water and wastewater plants.

Before graduating, students will spend a minimum of 180 hours at a cooperative education site with a municipality or industry. Students have found co-ops at water and wastewater plants in Albuquerque, El Paso, Las Cruces, Socorro, Hobbs, Silver City, Mesilla, and Glorieta, and with industries such as Intel and Kuriya America.

Financial aid beyond loans, grants, work-study monies, and DACC scholarships include five private scholarships specifically for Water Technology students: 1) Max Summerlot Memorial Scholarship, given to a water technology student in his or her second year in the program; 2) Cynthia Hiers-Robinson Curent-Use Scholarship; 3) Jake Hands Memorial Scholarship; and 4) two scholarships presented by the New Mexico Water and Wastewater Association.

### Additional Graduation Requirements

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

**NOTE:** Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus. The remaining courses are applicable toward the bachelor of applied studies degree offered by the NMSU College of Extended Learning. At least 36 hours of the technical requirements are applicable toward the bachelor’s degree in agricultural and extension education offered by the College of Agricultural, Consumer and Environmental Sciences at New Mexico State University.

### Associate Degree (68–70 credits)

**NOTE:** Students must achieve a cumulative grade-point average of 2.0 with a final grade of C or better in English 111G and all required WATR courses. Courses appearing in italics are identical to those offered at New Mexico State University Las Cruces (main) Campus.
Core Requirements 13 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G</td>
<td>Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>BOT 209</td>
<td>Business and Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>ENGL 203G Business &amp; Prof. Communication</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>ENGL 218G Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 265G</td>
<td>Principles of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>PSY 201G</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td>SOC 101G Introductory Sociology</td>
<td></td>
</tr>
</tbody>
</table>

Related Requirements 4 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT 140</td>
<td>Principles of Supervision</td>
<td>3</td>
</tr>
<tr>
<td>OETS 102</td>
<td>Career Readiness Certification Preparation</td>
<td>1</td>
</tr>
</tbody>
</table>

Technical Requirements 51–53 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATR 120</td>
<td>Introduction to Water Systems</td>
<td>3</td>
</tr>
<tr>
<td>WATR 130</td>
<td>Wastewater Collection &amp; Basic Treatment Systems</td>
<td>3</td>
</tr>
<tr>
<td>WATR 140</td>
<td>Applied Water &amp; Wastewater Math I</td>
<td>3</td>
</tr>
<tr>
<td>WATR 160</td>
<td>Systems Maintenance</td>
<td>4</td>
</tr>
<tr>
<td>WATR 175</td>
<td>Programmable Logic Controls</td>
<td>2</td>
</tr>
<tr>
<td>WATR 180</td>
<td>Water Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>WATR 182</td>
<td>Water Chemistry Analysis</td>
<td>1</td>
</tr>
<tr>
<td>WATR 190</td>
<td>Water &amp; Wastewater Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>WATR 192</td>
<td>Water &amp; Wastewater Microbiology Analysis</td>
<td>1</td>
</tr>
<tr>
<td>WATR 200</td>
<td>Cooperative Experience</td>
<td>3–5</td>
</tr>
<tr>
<td>WATR 220</td>
<td>Water Treatment Systems</td>
<td>3</td>
</tr>
<tr>
<td>WATR 222</td>
<td>Water Systems Operations</td>
<td>1</td>
</tr>
<tr>
<td>WATR 230</td>
<td>Advanced Wastewater Treatment</td>
<td>4</td>
</tr>
<tr>
<td>WATR 232</td>
<td>Wastewater Systems Operations</td>
<td>1</td>
</tr>
<tr>
<td>WATR 240</td>
<td>Applied Water &amp; Wastewater Math II</td>
<td>3</td>
</tr>
<tr>
<td>WATR 250</td>
<td>Municipal Systems Management</td>
<td>4</td>
</tr>
<tr>
<td>WATR 275</td>
<td>Certification Review</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of the following pairs of courses: 6

- WATR 285 High Purity Water Treatment Systems (3)
- WATR 287 Advanced Water Chem. Analysis (Fall only) (3)
- WATR 290 Adv. Wastewater Microbiology & Chem. (3)
- WATR 292 Adv. Wastewater Analysis (Spring only) (3)

Certificate (33–38 credits)

A one-year curriculum is available for individuals who choose not to pursue the associate degree. Graduates of the one-year program have the capability to work in a municipal water or wastewater treatment plant.

Related Requirements 9–12 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 101</td>
<td>Keyboarding Basics</td>
<td>3–4</td>
</tr>
<tr>
<td>OR</td>
<td>BOT 105 Business English I</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>ENGL 11G Rhetoric and Composition</td>
<td></td>
</tr>
<tr>
<td>BMGT 140</td>
<td>Principles of Supervision I</td>
<td>3</td>
</tr>
</tbody>
</table>

OETS 102 Career Readiness Certification Preparation 1

Approved electives 2–4

Technical Requirements 24–26 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATR 120</td>
<td>Introduction to Water Systems</td>
<td>3</td>
</tr>
<tr>
<td>WATR 130</td>
<td>Wastewater Collection &amp; Basic Treatment Systems</td>
<td>3</td>
</tr>
<tr>
<td>WATR 140</td>
<td>Applied Water &amp; Wastewater Math I</td>
<td>3</td>
</tr>
<tr>
<td>WATR 160</td>
<td>Systems Maintenance</td>
<td>4</td>
</tr>
<tr>
<td>WATR 180</td>
<td>Water Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>WATR 182</td>
<td>Water Chemistry Analysis</td>
<td>1</td>
</tr>
<tr>
<td>WATR 190</td>
<td>Water &amp; Wastewater Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>WATR 192</td>
<td>Water &amp; Wastewater Microbiology Analysis</td>
<td>1</td>
</tr>
<tr>
<td>WATR 200</td>
<td>Cooperative Experience</td>
<td>3–5</td>
</tr>
<tr>
<td>WATR 220</td>
<td>Water Treatment Systems</td>
<td>3</td>
</tr>
<tr>
<td>WATR 222</td>
<td>Water Systems Operations</td>
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<td>WATR 230</td>
<td>Advanced Wastewater Treatment</td>
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<td>WATR 232</td>
<td>Wastewater Systems Operations</td>
<td>1</td>
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<tr>
<td>WATR 240</td>
<td>Applied Water &amp; Wastewater Math II</td>
<td>3</td>
</tr>
<tr>
<td>WATR 250</td>
<td>Municipal Systems Management</td>
<td>4</td>
</tr>
<tr>
<td>WATR 275</td>
<td>Certification Review</td>
<td>3</td>
</tr>
</tbody>
</table>

Welding Technology

Associate of Applied Science Degree

Certificate of Completion

(575) 527-7593, 528-7018 or 527-7597

Welders are in greater demand today than at any time during the past 30 years, and the job outlook is expected to remain excellent throughout the foreseeable future. They are needed in energy exploration and production and are required in virtually every field or industry that uses parts made of metal.

Simply stated, welders are people who join metals such as steel, stainless steel, aluminum, titanium, brass, bronze, copper, and nickel. Welding processes vary depending on the application. Extremely delicate and precise items, such as aerospace components and jewelry, may be welded using electron beams, lasers, and plasma, while huge structures for buildings and bridges are typically welded using submerged arc and flux core. Welding may take place in almost any setting: in a laboratory, out-of-doors, or even underwater, as in the case of offshore, oil-and-gas platform construction.

According to the US Department of Labor, job prospects for welders are excellent, with projected job growth in New Mexico estimated at 25.5 percent over the next six years, and 5 percent nationally through 2014, translating to 264,000 additional jobs. Increases in welder wages have kept pace with or exceeded those of other occupations since 2002.

The DACC Welding Technology program is nationally accredited by the American Welding Society (AWS), and is taught by nationally qualified instructors. Together, DACC welding instructors have more than 100 years of experience and more than 90 AWS/ASME national welder certifications on five welding processes.

The program is competency and performance based, consisting of lectures and hands-on laboratory exercises. Students learn to weld steels, stainless steels, and aluminum alloy plate and pipe with five welding processes. They also learn basic fabrication skills, oxy-fuel cutting, plasma cutting, and air-carbon arc cutting. The DACC Welding Technology Program is one of a handful of programs, nationally, that has an orbital TIG unit that allows students to join tubing as small as one-quarter inch in diameter. Students are also exposed to heat treating of steel and its effects with the heat treat oven.

Students are eligible to join SkillsUSA, an organization for high school and postsecondary students that promotes leadership and
sponsors skills and leadership competitions at the state and national levels. In addition, students may become members of the American Welding Society (AWS) and participate in the activities of the new AWS El Paso Section.

All students who complete the certificate or associate degree will graduate as certified welders in one or more welding processes on steel, stainless steel, and/or aluminum. (It is important to note that, although some local welding jobs may not currently require certification, nearly all welding jobs nationwide do require it.)

Since the technical requirements for the certificate are the same as those for the associate degree, a student may complete the certificate program first and then later apply all the credits earned in the certificate program toward the associate degree. This associate degree then may be applied in its entirety toward the bachelor of applied studies degree offered by NMSU. Alternatively, those planning to teach at the secondary level may apply up to 36 credits earned in the Welding Technology associate degree program toward a bachelor of science degree in Agricultural and Extension Education.

To enter the Welding Technology program, a high school diploma or GED is required, along with good overall health, eyesight, and hand-eye coordination. Students must purchase tools and personal safety equipment, usually costing about $1000.

Whether taking classes or working on a job site, students enrolled in this program will be required to perform the same job duties and meet the same physical requirements that they will as a graduate in the field. These requirements include the ability to achieve performance qualifications using a variety or processes while welding materials in different positions. Depending where they find employment, graduates may be required to work in extreme temperatures, to lift and safely move 50 pounds, to have good eye-hand coordination, to work safely around compressed gasses and electrical equipment, to ascend and descend ladders, to work safely in confined spaces and awkward welding positions, and to tolerate a noisy working environment.

**Additional Graduation Requirements**

To receive either an associate degree or a certificate of completion, students are required to obtain a Career Readiness Certificate in the areas of Applied Math, Reading for Information, and Locating Information at the appropriate level for their respective degree option. To facilitate success in obtaining their Career Readiness Certificate students will be required to take 1 credit of OETS 102, Career Readiness Certification Preparation. A program advisor can provide additional information.

**Associate Degree (66–70 credits)**

Students must receive a final grade of C or better in English 111G and all required WELD courses and achieve a cumulative grade-point average of 2.0. Courses appearing in italics may be applied toward a bachelor’s degree at NMSU.

<table>
<thead>
<tr>
<th>Core Requirements</th>
<th>13 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111G Rhetoric and Composition</td>
<td>4</td>
</tr>
<tr>
<td>OR ENGL 203G Business &amp; Professional Communication</td>
<td></td>
</tr>
<tr>
<td>OR ENGL 218G Technical &amp; Scientific Communication</td>
<td></td>
</tr>
<tr>
<td>BOT 209 Business &amp; Technical Communications</td>
<td>3</td>
</tr>
<tr>
<td>COMM 253G Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>OR COMM 265G Principles of Human Communication</td>
<td></td>
</tr>
<tr>
<td>BMGT 240 Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>OR PSY 201G Introduction to Psychology</td>
<td></td>
</tr>
<tr>
<td>OR SOC 101G Introductory Sociology</td>
<td></td>
</tr>
</tbody>
</table>

**Related Requirements**

| C S 110 Computer Literacy | 3 |
| OR OECS 105 Introduction to Microcomputer Technology |
| OR OECS 227 Computer Applications for Technicians |
| Choose either the pair of BCT courses or a single BMGT course: |
| BCT 101 Introduction to Construction I (2) |
| OR BCT 102 Introduction to Construction II (2) |
| OR BMGT course (3 credits, approved by advisor) |
| DRFT 109 Computer Drafting Fundamentals (3) | 3–4 |
| OR OEET 110 Basic Electricity and Electronics (4) |
| OR ELT 105 Basic Electricity & Electronics (3) |
| OETS 102 Career Readiness Certification Preparation | 1 |
| OETS 118 Mathematics for Technicians | 3 |
| Approved Technical Elective | 0–3 |

**Technical Requirements**

<table>
<thead>
<tr>
<th>Technical Requirements</th>
<th>39 credits</th>
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<tbody>
<tr>
<td>WELD 100 Structural Welding I</td>
<td>6</td>
</tr>
<tr>
<td>WELD 110 Blueprint Reading (Welding)</td>
<td>3</td>
</tr>
<tr>
<td>WELD 120 Basic Metallurgy</td>
<td>3</td>
</tr>
<tr>
<td>WELD 125 Introduction to Pipe Welding</td>
<td>3</td>
</tr>
<tr>
<td>WELD 130 Introduction to GMAW</td>
<td>3</td>
</tr>
<tr>
<td>WELD 140 Introduction to GTAW (TIG)</td>
<td>3</td>
</tr>
<tr>
<td>WELD 150 Pipe Welding II</td>
<td>3</td>
</tr>
<tr>
<td>WELD 160 Introduction to SAW and FCAW</td>
<td>3</td>
</tr>
<tr>
<td>WELD 170 Welded Fabrication</td>
<td>3</td>
</tr>
<tr>
<td>WELD 180 GTAW II</td>
<td>3</td>
</tr>
<tr>
<td>WELD 211 Welder Qualification</td>
<td>6</td>
</tr>
</tbody>
</table>

**Certificate (46 credits)**

Students must have a C or better in all required WELD courses.

<table>
<thead>
<tr>
<th>Related Requirements</th>
<th>7 credits</th>
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<tbody>
<tr>
<td>BMGT 201 Work Readiness and Preparation.</td>
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<tr>
<td>OETS 102 Career Readiness Certification Preparation</td>
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<tr>
<td>OETS 104 Basic Mathematics for Technicians</td>
<td>4</td>
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</tbody>
</table>

**Technical Requirements**

All courses listed under “Technical Requirements” in the Welding Technology associate degree program.
Noncredit Programs

Adult Basic Education

A winner of three national awards, two from the U.S. Secretary of Education in 1985 and 1992, and one from the National Council for Educational Administrators in 2010, and recognized as the New Mexico Adult Education Association Program of the Year in 1993, 2000 and 2006, the Adult Basic Education (ABE) Division offers the opportunity to begin and/or complete a basic education through the twelfth grade. ABE also provides a variety of educational programs and student support services that can help individuals achieve their goals. A complete education improves one's opportunities for obtaining or retaining employment and going to college and can provide a person with a sense of accomplishment.

ABE instructional programs and classes include basic literacy, English as a second language (at various levels), EL/Civics, GED (high school equivalency diploma), college preparation, U.S. citizenship, computer literacy, practical living skills, and work readiness. Practical living skills, employment and training, and student success principles are also emphasized throughout the ABE curriculum. Student-support services include assessment, student orientations, self-paced studies, advising and referral services, student success skills, tutoring on an individual and small-group basis, and assistance with college transition.

ABE does not charge for classes, services, or textbooks. Students may check out textbooks at any learning center for home study.

Free, Noncredit Instructional Programs

GED-HIGH SCHOOL EQUIVALENCY. Those 16 years of age or older who do not have a high school diploma may attend GED classes or study at any adult learning center in preparation to successfully pass the mathematics, reading, writing, social studies, and science high school equivalency tests. Students meeting program criteria are also eligible to enroll in our distance-education (Web-based) GED course. For additional study, student may receive free tutorial support at any adult education learning center. Sixteen-year-old students are accepted into the GED program with an official withdrawal notice from the public schools.

Upon completion, GED graduates join the hundreds of adults in southern New Mexico who receive a high school diploma each year through Adult Basic Education. Every May, ABE invites GED graduates to participate in the DACC commencement ceremony and also assists graduates with the process of transitioning to college. ABE offers GED instruction in either English or Spanish during intensive mini-mesters.

Through the Be Ready! college-transition program, GED graduates are assisted in the process of transitioning to college successfully. Students meeting specific criteria may also apply for the DACC Tuition Scholarship and the Adult Education College Success Scholarship offered each semester.

ESL—ENGLISH AS A SECOND LANGUAGE. This program helps improve English language skills for non-native speakers. Students will be pre-tested and placed at the appropriate level. Students acquire academic English skills (reading, writing, and grammar), build their vocabulary, and increase conversation, listening comprehension and life skills. Students meeting program criteria are also eligible to enroll in our distance-education (Web-based), hybrid ESL course computer programs, and small group instruction are available at each center to support learning. Workbooks for additional study may be checked out. Advanced ESL students ready to exit the program are assisted with the process of transitioning to college successfully. Students meeting specific criteria may also apply for the Adult Education College Success Scholarship offered each semester.

U.S. CITIZENSHIP PREPARATION. Those eligible to become U.S. citizens can receive assistance in preparing to take the citizenship test. Knowledgeable instructors teach U.S. history, government, citizens' rights, duties and responsibilities, requirements for U.S. citizenship, civic participation, basic reading, writing, and conversational English. Instructors also provide practice with testing and the interview process. At the centers, ABE provides citizenship workbooks, sample questions, and information about U.S. citizenship, as well as occasional citizenship application workshops. Classes also are taught in Spanish for those who qualify to interview in Spanish. Students in the citizenship classes who meet specific criteria may apply for a scholarship to help with the cost of filing for U.S. Citizenship. Scholarships are awarded each January and July.

COMPUTER LITERACY CLASSES. Students must be enrolled in at least one other ABE class, such as GED or ESL (levels 4-6) to be eligible to enroll in computer literacy classes. These classes include basic keyboarding, how to create, save, edit, and retrieve documents, and much more. Students will gain confidence working with a computer in preparation for college or employment.

Reading Improvement Program for Adults

It is estimated that 30 percent of the adult residents of Doña Ana County have less than a twelfth-grade education. Literacy Volunteers of Doña Ana County, in alliance with ABE and the New Mexico Coalition for Literacy, is a program that provides adults an opportunity to learn basic reading, writing, and numeracy through the sixth-grade level. Trained volunteers are matched with students most in need of one-to-one or small-group tutoring. The program also offers opportunities for free tutoring and/or tutor training at other locations.

Those interested in volunteering to teach, or in referring someone for help with reading, are encouraged to call 527-7544 or to log on to readwritenow.org. Literacy volunteer tutors generally are available at all learning center locations.

Student Records

All student information and records are held strictly confidential.

Enrolling in Classes

Each fall, spring and summer session, classes are offered in English as a Second Language, General Education Development (GED) for a high school diploma (offered in English and Spanish), U.S. Citizenship, Practical Living Skills, and Computer Literacy. Both intensive and regular classes meet at Doña Ana Community College and at several other locations throughout Doña Ana County. New or inactive students must first be pre-tested and complete the new student orientation at the nearest Learning Center in order to be placed in classes according to learning level and need. No exceptions will be made. Aside from learning center locations, classes also are offered in outlying communities throughout Doña Ana County.
Pre-registration starts prior to the beginning of each semester. Students in outlying communities can also register in the classroom during the first three weeks of class, on a space-available basis. New or inactive students must complete pre-assessment and orientation at any learning center prior to enrolling in a class. Although college credit is not given for Adult Basic Education classes, students receive the Doña Ana Community College Adult Basic Education Certificate of Attendance, upon completing a class. Students passing the post test receive a certificate of level-gain or program completion. GED and ESL program semesters vary in length. It is impossible to fail a class as letter grades are not given.

Tutoring Services

Doña Ana Community College has four adult learning centers offering individualized tutoring, small group instruction, and computer-assisted and self-paced instruction to supplement classroom instruction, or as an alternative to the ABE classroom program.

Trained tutors provide personal assistance or small-group instruction in reading and writing, mathematics, grammar, ESL, and all other related basic skills. They understand that learning takes time and make an extra effort to be helpful and patient. For the purpose of placing students accurately, tutors are trained to administer practice tests in GED, the Test of Adult Basic Education (TABE), and the ESL TABE-CLASS assessment.

After pretesting is completed, students are advised regarding their level, learning needs, educational goals, and plan, strengths, and learning progress. After completing a post test, students are advised to assess learning progress. Centers have a comprehensive inventory of videotapes, cassettes, textbooks, and educational software to provide a variety of approaches to individualized learning. All of the services are free of charge. Students are encouraged to call the nearest learning center to sign up for the required pretest and new student orientation! Se habla español.

Support Services for Student Success

At the adult learning centers, many of the following types of student support can be found: pretesting, academic advising, new student orientations, guidance with goal-setting and college transition, student follow-up, information and referral, and career guidance.

Study Skills/Learning Styles

For learners having difficulty with their education as the result of ineffective study habits, ABE has a solution. The Adult Learning Centers throughout the county have resources, information, and staff that can help improve time management, listening, note-taking, and test-taking skills. Students are encouraged to find out about their learning styles and develop study techniques that can help them become more successful.

Computer-assisted Instruction

Students can take advantage of computer tutorials covering a wide range of subject matter at various levels. The tutorials, available in the computer labs at the adult learning centers, address such areas as reading skills development, math (through algebra and geometry), grammar and language mechanics, science, ESL, GED, and social studies.

Be Ready! College Transition Program

The Be Ready! program, offered through ABE, assists students in preparing for a successful experience in college. This free program, available at each DACC Learning Center, provides access to a college transition advisor to guide students in making a successful transition from ABE to college and assists them through their first year in college. Students meeting course criteria are also eligible to enroll in a free, college-prep course. Call (575) 527-7038 for an appointment.

Scholarships and Financial Aid

Each January and July, ABE offers two types of student scholarships: College Success and Application for U.S. Citizenship. Many Adult Education students interested in transitioning to college are also eligible to apply for and receive the New Mexico Legislative Lottery Scholarship and other DACC tuition scholarships. College transition students also may qualify for federal financial aid.

Contract Services and Community Partnerships

Contract services or agency partnerships can be arranged with schools, community-based groups, or employers who are interested in providing, or negotiating, related basic educational services for their employees or clients such as —

- Displaced workers
- Welfare (TANF) participants (work readiness)
- Public and social service agencies
- High school equivalency program (HEP)
- Workplace literacy (integrated with basic skills and/or English as a second language)
- Federal education programs
- Family literacy
- WIA Adult training programs

For more information, please contact the ABE Assistant Division Dean's Office at 527-7741.

Ability to Benefit

ABE provides services based on the adult learner's ability to demonstrate learning advancement and attain ABE educational goal(s). Referrals to outside agencies will be addressed at the proper professional and administrative levels, based on intake, pretesting, and student progress.

Locations

**NOTE:** Day, evening and Saturday classes also are available in the fall, spring and summer semesters. Since schedules vary and change, please call for current information. In addition to the learning centers listed in this section, ABE classes also are offered at various sites throughout Doña Ana County. Class locations are listed in the current ABE Class Schedule. See maps on pages 18–20.

Las Cruces

Quintana Learning Center  
Doña Ana Community College, room DALR-160  
3400 South Espina St. • Las Cruces, NM 88003  
Phone: (575) 527-7540, 527-7740  
Toll Free: 1-800-903-7503  
Fax: (575) 528-7065  
Regular Hours: Mon.–Thurs., 8:00 a.m.–6:15 p.m.; Fri., 8 a.m.–5 p.m.  
Summer Hours: Mon.–Fri., 8 a.m.–5 p.m.

Anthony Area  
Gadsden Learning Center  
Located in the DACC Gadsden Campus  
1700 E. O’Hara Rd., Anthony, NM 88021  
Phone: (575) 882-6813  
Hours: Mon.–Fri., 8 a.m.–5 p.m.

Chaparral  
Chaparral Adult Learning Center  
625 Paseo Real, Chaparral, NM 88021  
Phone: (575) 824-5075  
Hours: Mon.–Fri., 8 a.m.–5 p.m.
Community Education

- Lifelong Learning (personal growth and skills development)
- Children’s Programs
- Academy for Learning in Retirement

Workforce Center • E. 2345 Nevada Ave. (see map on page 21)

527-7527

Community Education is the gateway to lifelong learning. It offers a wide variety of courses and workshops for all ages. Through this program, those searching for education beyond what is available in more formal degree or certificate programs may find an avenue to continue their learning. The nontraditional structure of Community Education makes it possible to respond immediately to trends by offering courses and workshops that are of current interest.

Community Education provides opportunities to:
- explore one’s interests
- learn and develop skills
- increase effectiveness on the job
- discover new hobbies
- tone body and mind.

Open Access

Community Education is open to everyone, regardless of education- al background. Courses and workshops offered are based on student interests and needs. Some courses are scheduled every semester, while others come and go depending on demand.

There are neither grades nor degrees. Continuing Education Units (CEUs) may be earned in skill-building and professional-development type courses. Certificates of participation are available for all classes.

Community Education is supported entirely by tuition fees; hence minimum enrollments are required in most classes. Classes vary in length from a few hours to eight or more weeks.

Many Choices

Community Education courses cover a wide range of subjects, broadly categorized as follows:
- Arts & Crafts
- Business & Careers
- Communications
- Community Awareness
- Computer Skills
- Cooking & Entertaining
- Health & Fitness
- Hobbies & Leisure
- Home & Garden
- Humanities
- Languages
- Music & Dance
- Personal Growth
- Safety
- Sports/Recreation
- Younger Set

Programs for Children

Courses for children may be found among Kids Community College in the Community Education offerings. Kids Community College is held during the summer. Classes and activities are planned to reflect the regular programs offered by the various departments at the community college. Student service clubs are involved in some of the programming.

Community Locations

Locations include the community college, the Las Cruces campus of NMSU, the public schools, University Terrace Good Samaritan Village, Mesilla Valley Mall, Branigan Cultural Center, Branigan Library, My Bookstore, and DACC’s Workforce Center. Classes may also be held in other county locations, depending on residents’ interests.

Community Involvement Welcome

Community Education welcomes suggestions and input. Potential students are encouraged to call or visit with inquiries, course ideas, and requests. Those with a specialty may consider becoming Community Education instructors and sharing their expertise with others.

Continuing Education Units (CEUs)

Continuing education units, often referred to as CEUs, may be awarded for organized, noncredit, continuing education experiences. CEUs may not be used to fulfill degree requirements.

Academy for Learning in Retirement

The Academy for Learning in Retirement is a program of educational opportunities of a scholarly nature for learners age 50 or older. It is sanctioned by NMSU and operated under the auspices of Community Education at DACC.

Small Business Development Center

Assistance for the Entrepreneur

Workforce Center • E. 2345 Nevada Ave., Ste. 101
Telephone: 527-7676 • Fax: 528-7432

(map on page 21)

The Small Business Development Center (SBDC), located at the Workforce Center, offers free, quality counseling and guidance for business owners, prospective owners, and managers. The SBDC is designed with you in mind. Whether you have been in business for some time or are just starting out, we can help you address a multitude of issues and problems.

As a member of the New Mexico Small Business Development Center Network, SBDC’s experienced staff can help you:
- Explore business ownership opportunities in Doña Ana County or Sierra County
- Start a new business or make an established one more efficient and profitable
- Analyze your financial statements and create financial projections
- Review state and federal business tax issues
- Explore alternatives for solving problems
- Create an effective business plan
- Improve your management skills
- Access a wealth of business resources
- Get your business positioned to bid on government contracts and other government procurement needs
Customized Training

- Contract Training
- Business Training Seminars

Workforce Center • E. 2345 Nevada Ave.
Telephone: 527-7776  (map on page 21)

Customized contract training for employee development is available in a variety of business-related topics at the Workforce Center. Customized classes focus on employee development and peak team performance. Every aspect of a course may be tailored to meet an organization’s specific needs, including class topics and content, location, length and time. The courses may be held at the Workforce Center or at the work location. Times can be tailored to fit employee work schedules.

Customized training services have been utilized by numerous local banks and businesses, public schools, government contractors, and federal, state, and local governmental agencies. Training areas have included computer skills, management/supervision, welding, customer service, and others.

Business training seminars cover topics in business, computers, and professional development. These seminars are open to the public. Visit dacc.nmsu.edu/ctp for more information.

Continuing Education Units

Continuing Education Units (CEUs) and Continuing Professional Educations Units (CPUs) may be awarded for organized, noncredit, continuing education experiences. CEUs and CPUs may not be used to fulfill degree requirements.

Prefixes by Program Name

| Allied Health Science (courses only) | OEHO |
| Apprenticeship Programs | BCT, OEET, MAT |
| Automation and Manufacturing Technology | MAT |
| Automotive Technology | AUTO |
| Building Construction Technology | BCT |
| Business Management | BMGT |
| Business Office Technology | BOT |
| College Studies | COLL |
| Computer Information Technology | OECs |
| Creative Media Technology | CMT |
| Dental Assistant | DAS |
| Dental Hygiene | DHYG |
| Developmental English | CCDE |
| Developmental Language | CCDL |
| Developmental Mathematics | CCDM |
| Developmental Skills | CCDS |
| Diagnostic Medical Sonography | DMS |
| Drafting and Graphics Technologies | ARCT, DRFT |
| Education programs | C EP, ECED, EDUC, EMD |
| Electronics Technology | ELT |
| Emergency Medical Services | OEEM |
| Fire Investigations | CJ, FIRE, LAWE, OEEM |
| Fire Science Technology | FIRE |
| Health Care Assistant | NA |
| Health Information Technology | BOT, OEHO, NURS |
| Heating, Ventilation, A/C and Refrigeration | HVAC |
| Hospitality and Tourism | HOST |
| Hospitality Services Management | HOST |
| Law Enforcement/Corrections/Crim. Justice | CJ, LAWE |
| Library Science | LS |
| Nursing | NURS |
| Paralegal Studies | PL S |
| Pre-Business | ACCT, BCIS, BUSA, C S, A ST, ECON, OECs, STAT |
| Public Health | CHSS, HLS |
| Radiologic Technology | RADT |
| Respiratory Therapy | RESP |
| Technical Studies | OETS |
| Water Technology | WATR |
| Welding Technology | WELD |

There has never been a better time to be a truck driver.

Truck Driving Academy

Workforce Center • 2345 E. Nevada Ave.
Telephone 527-7776  (map on page 21)

Earn up to $35,000 a year, plus benefits, after only four weeks of training. The DACC Truck Driving Academy offers the following:

- Agency funding for those who qualify
- Financing for those who qualify
- Bilingual classes
- Day and night classes to accommodate students’ schedules

There has never been a better time to be a truck driver.
Course Descriptions

A ST—Applied Statistics

A ST 251G  Statistics for Business and the Behavioral Sciences  3 cr.
Techniques for describing and analyzing data; estimation, hypothesis testing,
regression and correlation; basic concepts of statistical inference. Pre-
requisite: C or better in MATH 120. Same as STAT 251G.

ACCT—Accounting

ACCT 251  Management Accounting  3 cr.
Development and use of accounting information for management decision
making.

ACCT 252  Financial Accounting  3 cr.
Interpretation and use of financial accounting information for making
financing, investing, and operating decisions. Prerequisite: ACCT 251
strongly suggested.

AERT—Aerospace Technology

AERT 111  Basic Electricity and Electronics  3 cr. (2+2P)
Fundamentals of electricity and electronics, basic circuit devices, meters,
transistors, integrated fiber optics, and industrial application topics. Same as ELT 105.

AERT 112  Introduction to Manufacturing  3 cr. (2+2P)
Introduction to manufacturing evolution from basic assembly process to
modern automated processes. Covers history, employability, soft skills,
quality measurements, teamwork concept, production requirements, and
considerations in plan layout and design. Same as MAT 105.

AERT 113  Print Reading for Industry  3 cr. (2+2P)
Reading, interpretation and revisions of industrial technical drawings com-
to aerospace. Interpretation of aerospace drawings and related shop
calculations. Same as MAT 115.

AERT 114  Applied Manufacturing Practices  3 cr. (2+2P)
Course will illustrate how various products are manufactured along with
associated manufacturing processes. Same as MAT 106.

AERT 115  Machine Operation and Safety  3 cr. (2+2P)
Introduce the students to the operation and safety aspects of various types
of machinery and equipment including both mechanical and electrical.
Course will also include maintenance and safety operation of industrial
equipment. Same as MAT 110.

AERT 211 Electromechanical Devices  4 cr. (2+4P)
Theory and application of electromechanical devices and digital control
circuits. Includes AD and DA converters, pneumatics, hydraulics, program-
nable logic controllers, DC, AC and stepper motors, and servomechanisms.
Prerequisites: ELT 105 and 160, or ELT 110 and 135. Same as MAT 240.

AERT 212 Materials and Processes  4 cr. (2+2P)
Fundamentals of electricity and electronics, basic circuit devices, meters,
transistors, integrated fiber optics, and industrial application topics. Same as ELT 105.

AERT 221 Aerodynamics  3 cr. (2+2P)
Introduce the student to Aerospace Engineering (AE) concepts and history.
Studies topics include History of Flight, Aerodynamics, Rocket Science,
Material Science, Orbital Physics, Systems Engineering and Life Support/
Environmental Systems.

AERT 222 Fluid Mechanics  3 cr. (2+2P)
Introduction to fluid mechanics. Study of fluid dynamics, pressure,
viscosity, heat transfer, and applications. Fundamental concepts of
fluids, such as Bernoulli’s principle, the Navier-Stokes equation, and
the concept of fluid flow. Same as MAT 240.

AERT 223 Aerospace Fluid Systems  3 cr. (2+2P)
This course covers the study of fluid systems in aerospace applications.
Topics include hydraulic, pneumatic, and electrical systems. Same as MAT 240.

AERT 224 Aerospace Systems  3 cr. (2+2P)
This course provides an overview of aerospace systems, including
hydraulic, pneumatic, electrical, propulsion, mechanical, HVAC, and ECLSS
(Environmental Control and Life Support System). How systems interact with
computer and data acquisition systems is also covered.

AERT 225 Independent Study  1–3 cr.
Individual studies in areas directly related to aerospace. Prerequisite: AERT
221. course prefix.

ANTH—Anthropology

ANTH 116 Native Peoples of the American Southwest  3 cr.
Introduction to the early history and culture of native people of the Southwest.

ANTH 120G Human Ancestors  3 cr.
Evolutionary history of the human species from its origin in the primate
order, with primary emphasis on the evolution of humankind during the
past three million years. Examination of the social lives of apes and consid-
eration of similarities to and differences from them. Biological foundations
of human behavior, emphasizing thought, movement, and interaction.

HOW THE COURSE DESCRIPTIONS ARE ARRANGED

Course descriptions are alphabetized, not by program or de-
partmental name, but by course prefix. For example, Emer-
gency Medical Services courses fall under “OEEM.” The table at the bottom of
the previous page shows the prefixes that are used by each program.
ANTH 125G Introduction to World Cultures
3 cr.
Introductory survey of anthropological studies of human thought and behavior in different world cultures, covering social, cultural, economic, political, and religious practices and beliefs.

ANTH 201G Introduction to Anthropology
3 cr.
Exploration of human origins and the development of cultural diversity. Topics include biological and cultural evolution, the structure and functions of social institutions, belief systems, language and culture, human-environmental relationships, methods of prehistoric and contemporary cultural analysis, and theories of culture.

ANTH 202G Introduction to Archaeology and Physical Anthropology
3 cr.
Provides an introduction to the methods, theories, and results of two subfields of anthropology—archaeology and physical anthropology. Archaeology is the study of past human cultures. Physical anthropology is the study of human biology and evolution.

ARAB—Arabic
ARAB 111 Elementary Arabic I
4 cr.
Arabic language for beginners.
ARAB 112 Elementary Arabic II
4 cr.
Arabic language for beginners. Prerequisite: C or better in ARAB 111.

ARCT—Architecture
ARCT 101 Introduction to Architecture
3 cr. (2+2P)
This course provides students the tools and vocabulary to analyze, interpret, and discuss the built environment from the social, historical, perceptual, and technical determinants. Lectures and assignments will introduce students to the elements of current and likely future directions of architecture from experiential, aesthetic, structural, functional, and historical perspectives. The course will provide students with knowledge about the people and processes involved with professional issues of architectural practice. Students will be required to participate in individual and group presentations and projects, as well as compile a portfolio of their work completed in the course.

ARCT 104 Introduction to Architectural Drawing
4 cr. (2+4P)
This course is designed as an introduction to architectural drawing and design for students without prior experience in the fine arts. Students are guided through a series of spatial and analytical exercises that focus attention on not only how architects draw, but also the reasoning and processes embedded within the technique. Direct linkages with the Introduction to Architecture course provide exposure to a wide range of interconnected architectural concepts.

ARCT 111 Architectural History I
3 cr. (2+2P)
A survey of the development of world architecture from the ancient era to the advent of the enlightenment in Europe. Major emphasis is on the visual, intellectual, cultural and technological aspects of the ancient and indigenous cultures/early pre-modern world.

ARCT 115 General Construction Safety
3 cr. (2+2P)
Overview of general construction safety related to building construction, highway and road construction, and surveying field work.

ARCT 151 Construction Principles and Print Reading
4 cr. (3+2P)
Introduction to construction materials, methods, and basic cost estimating and print reading applicable in today's residential, commercial, and public works industry. Instruction by print reading and interpretation, field trips, and actual job-site visits and progress evaluation. Cross-listed with: DRFT 151.

ARCT 170 Computers in Architecture
3 cr. (2+2P)
Explore various software and photography techniques widely used in the architectural field. In addition to using industry standard CAD program as primary 2D drafting tool, focus is to produce digital architectural models and renderings, presentation boards, and animations. Digital images will be produced and enhanced through basic techniques in photography and integration of various software. Both individual and group work will be required.

ARCT 204 Architectural Design Studio I
5 cr. (1+8P)
Enhancement of general graphic communication skills. Strengthens fundamental design by addressing issues of conceptual design, structural order, and application of three-dimensional processes to architectural graphic expression. 2D and 3D design and presentation techniques. Studio/critique-based with considerable number of outside assignment/hours required. Prerequisite: ARCT 104.

ARCT 210 Architectural Delineation I
3 cr. (2+2P)
Introduction to visual literacy, architectural graphic communication, and basic analytical skills. Architectural concepts primarily explored through the application of technical drawing, descriptive geometry, and material manipulation; primarily black-and-white media.

ARCT 211 Architectural History II
3 cr. (2+2P)
A survey of the development of world architecture from the enlightenment in Europe to the present.

ARCT 230 Construction Documents
3 cr. (2+2P)
Basic use of CAD to produce residential, commercial, and industrial architectural working drawings, including floor plans, sections, foundation plans and details, exterior and interior elevations, framing plans, and site plans. Use and application of building and zoning codes, typical construction methods and materials, and accessibility requirements. Basic 3D modeling, AIA layering standards, sheet layout, and construction document coordination. Pre/Corequisite: DRFT 109.

ARCT 254 Architectural Design Studio II
5 cr. (1+8P)
Advanced graphic communication and 3D physical model representation. Focus on site analysis programming and fundamental design issues of context, environment, program development and space planning, 2D and 3D design and presentation techniques. Studio/critique-based with considerable number of outside assignments/hours required. Prerequisite: ARCT 204.

ARCT 255 Special Problems
1–6 cr.
Instructor-approved projects in architecture or related topics specific to student's areas of interest and relevant to pre-architecture curriculum. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

ARCT 260 Architectural Delineation II
3 cr. (2+2P)
Continuation of ARCT 210 with an emphasis in color media. Prerequisite: ARCT 210.

ARCT 288 Portfolio Development
4 cr. (2+4P)
Production of a portfolio consisting of student produced work related to individualized projects based on degree option. Completed portfolio to include, working and presentation drawings, material take-offs, cost estimates, specifications, 3D models, renderings, and technical animation files as assigned by the instructor. Job search and resume preparation activities will also be required.

ARCT 290 Special Topics
1–6 cr.
Topics subtitled in the Schedule of Classes. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

ART—Art
ART 101G Orientation in Art
3 cr. (3+3P)
A multicultural examination of the principles and philosophies of the visual arts and the ideas expressed through them.

ART 110G Visual Concepts
3 cr. (2+4P)
Introduction to the philosophies of art, visual thinking, and principles of visual organization. Designed to give students a broad view of aesthetic traditions, ideologies, and techniques basic to the creation and evaluation of art. Principles and concepts are taught in a common lecture and applied in parallel small studio sections. For non-art majors only.

ART 150 Drawing I
3 cr. (2+4P)
Introduction to the skill of seeing through exercises that emphasize careful drawing from the still life and utilize a range of drawing materials and techniques. Outside assignments required.

ART 155 2D Fundamentals
3 cr.
Introduction to two-dimensional space emphasizing fundamentals of design as they apply to composition. A variety of materials are used in the studio projects and sketchbook exercises. Developing knowledge in vocabulary, color theory and skill in translating ideas into design are encouraged.
ART 156 3D Fundamentals 3 cr.
Compositional organization of three-dimensional space explored through a broad range of visual exercises. Resourceful and creative problem solving encouraged.

ART 260 Introduction to Painting 3 cr. (2+4P)
Introduction to basic skills of painting through various exercises that emphasize working from observation.

ART 275 Ceramics I, A 3 cr. (2+4P)
Introduction to clay arts. Techniques of hand-building, wheel throwing, and glazing. Prerequisite: ART 156 (for art majors) or consent of instructor.

ART 276 Ceramics I, B 3 cr. (2+4P)
Beginning ceramics, complementary half to ART 275. (Art 275 and ART 276 do not need to be taken consecutively.) Building basic techniques of coil, slab, and throwing are introduced. High-fire and low-fire clays are used. Prerequisite: ART 156 (for art majors) or consent of instructor.

ART 294 Special Topics in Studio 1–3 cr.
Specific subjects and credits to be announced in the Schedule of Classes. No more than 9 credits toward a degree. Prerequisite: consent of instructor.

ART 295G Introduction to Art History I 3 cr.
An introduction to the principles of art history within a chronological framework of the art of the Western World. All media will be discussed. From prehistoric times to the fourteenth century.

ASTR—Astronomy

ASTR 105G The Planets 4 cr. (3+2P)
Comparative study of the planets, moons, comets, and asteroids which comprise the solar system. Emphasis on geological and physical processes which shape the surfaces and atmospheres of the planets. Laboratory exercises include analysis of images returned by spacecraft. Intended for non-science majors, but some basic math required. This lecture/lab course satisfies the New Mexico Common Core Area III: Lab Sciences requirement.

ASTR 110G Introduction to Astronomy 4 cr. (3+2P)
A survey of the universe. Observations, theories, and methods of modern astronomy. Topics include planets, stars and stellar systems, black holes and neutron stars, supernovas and gaseous nebulae, galaxies and quasars, and cosmology. Emphasis on physical principles involving gravity, light and optics (telescopes). Generally non-mathematical. Laboratory involves use of the campus observatory and exercises designed to experimentally illustrate principles of astronomy. This lecture/lab course satisfies the New Mexico Common Core Area III: Lab Sciences requirement.

ASTR 210 The Search for Extraterrestrial Life 3 cr.
Recent discoveries concerning life within the Solar System are discussed and generalized to other star systems. Current space travel and interstellar communication efforts are reviewed.

AUTO—Automotive Technology (formerly OEBT)

AUTO 103 Auto Mechanics Fundamentals 4 cr. (2+4P)
Theory and operation of all areas of auto mechanics. Basic repair and maintenance operations.

AUTO 112 Basic Gasoline Engines 5 cr. (2+6P)
Principles of gasoline engine operation. Identification, design, function of engine components; engine disassembly and reassembly; trouble shooting, and rebuilding heads.

AUTO 117 Electronic Analysis and Tune-Up of Gasoline Engines 5 cr. (2+6P)
Theory and operation of ignition and emission control systems and fuel system. Use of troubleshooting equipment and diagnostic equipment. Prerequisite: AUTO 120 or consent of instructor.

AUTO 118 Technical Math for Mechanics 3 cr. (2+3P)
Mathematical applications for the automotive trade.

AUTO 119 Manual Transmission/Clutch 5 cr. (2+6P)
Manual transmission, transfer cases, and clutch operating principles. Students will diagnose problems, remove and replace, disassemble, repair, and assemble units.

AUTO 120 Electrical Systems 4 cr. (2+4P)
Troubleshooting and repair of starters, alternators, and associated circuits. Reading electrical diagrams, diagnosis and repair of electrical accessories. Prerequisite: consent of instructor.

AUTO 125 Brakes 5 cr. (2+6P)
Theory of operation, diagnosis, repair, and maintenance of disc and drum brakes; safety and use of special tools.

AUTO 126 Suspension, Steering, and Alignment 5 cr. (2+6P)
types of steering systems, suspension maintenance and repair, four-wheel alignment procedures.

AUTO 127 Basic Automatic Transmission 4 cr. (2+4P)
Theory and operation of the automatic transmission; maintenance, trouble shooting, diagnosis, and repair of components.

AUTO 128 Advanced Automatic Transmission 4 cr. (2+4P)
Overhaul procedures and component repair of automatic transmission and transaxles.

AUTO 130 Introduction to Transportation Industry 3 cr.
State and national traffic statutes that relate to the trucking industry. A Commercial Driver’s License Learner’s Permit will be obtained through successful completion of the course. Prerequisites: Must be 18 years of age, have a current driver’s license and consent of instructor.

AUTO 131 Class A CDL 6 cr. (3+6P)
Instruction in how to perform proper pre-trip inspection; hands-on training with a tractor-trailer unit on the hugging range and street driving to develop skills necessary to pass Class A DCL exam. Prerequisites: Class A CDL restricted license (permit) and either restriction of D.O.T. government medical card, and consent of instructor.

AUTO 132 Automotive Air-Conditioning and Heating Systems 4 cr. (2+4P)
Theory and operation, reading schematic diagrams, troubleshooting, repair, and replacement operations performed.

AUTO 137 Fuel Systems and Emission Controls 4 cr. (2+4P)
Covers theory and operation of fuel system and emission control. Troubleshooting, vacuum diagrams, overhaul, repair and adjustment of carburetion and fuel injection. Prerequisites: AUTO 117 or consent of instructor.

AUTO 140 Principles of Automotive Computer Controls 2 cr.
Theory and operation of common sensors and control systems. Use of proper diagnostic and service procedures.

AUTO 141 Principles of Automotive Fuel Injection 2 cr.
Theory and operation of the most commonly used fuel injection systems. Proper diagnostic and service procedures. Prerequisite: consent of instructor.

AUTO 221 Cooperative Experience I 1–6 cr.
Supervised cooperative work program. Student is employed in an approved occupation and supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisite: consent of instructor.

AUTO 255 Special Problems in Automotive Technology 1–5 cr.
Individual studies in areas directly related to automotive technologies. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

AUTO 295 Special Topics 1–6 cr.
Topics to be announced in the Schedule of Classes.

BCIS—Business Computer Information Systems

BCIS 110 Introduction to Computerized Information Systems 3 cr.
Computerized information systems, their economic, and social implications. Introduction to microcomputer hardware, personal productivity software, and communications.

BCT—Building Construction Technology (formerly OEBT)

BCT 100 Building Trades I 8 cr. (2+12P)
Equipment and general safety. Human relations, building construction surveying, footings, foundation form work, framing, sheathing, insulation. Basic electrical wiring and plumbing. Classroom instruction, on-the-job training, and problem solving.

BCT 101 Introduction to Construction I 2 cr. (2+1P)
Basic safety, including personal protective equipment, how to perform basic construction tasks safely, and what to do if an accident occurs. Includes basic construction methods. Prerequisite: working as a plumber’s apprentice.

BCT 102 Introduction to Construction II 2 cr. (2+1P)
Introduction to power and hand tools, blueprints, and basic rigging hardware and techniques. Prerequisite: working as a plumber’s apprentice.
BCT 103 Introduction to Construction Laboratory 3 cr.
Provides students the opportunity to practice skills they have acquired in BCT 101 and BCT 102. It includes task-oriented projects in which students can apply many of the skills and knowledge that have been presented throughout the National Center for Construction and Education Research (NCCER) Carpentry Program. Corequisite: BCT 101 or BCT 102.

BCT 106 Woodworking Theory and Practice 3 cr. (2+2P)
History of wood manufacturing, industrial techniques, wood characteristics, stains and finishes. Design and construction of minor wood projects.

BCT 107 Painting I 4 cr. (2+4P)
Types and applications of paints and clear coatings. Use of fasteners, caulks, and sealants.

BCT 108 Painting Level II 4 cr. (2+4P)
Continuation of BCT 107. Painting failures and remedies, preparation, drywall patching and wood finishing. Prerequisite: BCT 107.

BCT 111 Small Equipment Maintenance and Repair 4 cr. (2+4P)
Covers small engine theory, troubleshooting and repair, auto maintenance, hydraulic theory and repair lubricants, batteries and scheduled tool maintenance.

BCT 112 Basic Masonry 4 cr. (2+4P)
Covers use of brick and concrete blocks; basic techniques for mixing mortar and laying masonry units; describes the hand and power tools used in masonry, including safety; includes mathematics used to perform calculations related to masonry units; explains the types and properties of mortar and the materials used in mixtures.

BCT 113 Masonry Level I 4 cr. (2+4P)
Covers all types of concrete and clay masonry units and their applications; covers ties and reinforcing materials; includes layout, set-up, spreading mortar, cutting brick and block, laying to the line, making corners, tooling joints, patches and cleanup.

BCT 114 Basic Carpentry 3 cr. (1+4P)
Covers orientation to the trade; wood building materials, fasteners, and adhesives; detailed description and explanations of hand-operated and power tools, including safety; framing basics including laying out and constructing of wood floors, walls and ceilings and includes roughing in of door and window openings.

BCT 115 Carpentry Level I 3 cr. (1+4P)
Describes the various kinds of roofs and provides instructions for layout of the different roofing systems. Describes the various types of windows, skylights, and exterior doors and provides instruction for installation.

BCT 116 Basic Carpentry Lab 2 cr.
Provides students the opportunity to practice skills they have acquired in BCT 114 and BCT 115. It includes task-oriented projects in which students can apply many of the skills and knowledge that have been presented throughout the National Center for Construction and Education Research (NCCER) Carpentry Program. Pre/Corequisite: BCT 114 or BCT 115.

BCT 121 Construction Law 3 cr.
Using the New Mexico Contractors Reference Manual, this course covers licensing requirements and regulations, business, law and other important aspects of owning and running a construction business.

BCT 206 Advanced Cabinetmaking 3 cr. (1+3P)
Advanced cabinetmaking skills, to include expert use of hand and power tools, professional construction and finishing techniques. Prerequisites: BCT 105, BCT 106, or consent of instructor.

BCT 211 Small Equipment Maintenance & Repair II 4 cr. (2+4P)
Advanced, hands-on work experience. Students will work on small engines, explore the various aspects of advanced 4 stroke engine and 2 stroke engine techniques and apply skills and theory taught in the classroom and shop. Along with tours and various shop technicians. Prerequisite: BCT 111.

BCT 214 Intermediate Carpentry I 3 cr.
Descries the properties, characteristics, procedures and uses of cement, aggregates, and other materials that, when mixed together, form different types of concrete. Covers procedures for estimating concrete volume and testing freshly mixed concrete, different types of reinforcing materials. Prepares students for working in and around excavations, preparing building foundations, capacities of soils; procedures used in shoring, sloping, and shielding trenches and excavations; trenching safety requirements, recognition of unsafe conditions; and mitigation of groundwater and rock when excavating foundations. Prerequisites: BCT 101, 102, 103, 114, 115 and 116. Corequisite: BCT 216.

BCT 215 Intermediate Carpentry II 3 cr.
Covers site layout tools and methods. Layout and construction of deep and shallow foundations, forming of slabs-on-grade, curving and paving. The module also provides an overview of the assembly, erection, and stripping of gang forms. This module covers the types of elevated decks and the form-work systems and methods used in their construction. Advanced systems: flat slab systems, flying forms, shoring and re-shoring systems, how tilt-up concrete construction is used, how tilt-up panels are formed, erected, and braced, installation of rebar and the types of embedments used to lift and brace the panels. Prerequisite: BCT 214. Corequisite: BCT 216.

BCT 216 Intermediate Carpentry Laboratory 2 cr.
Provides students the opportunity to practice skills they have acquired in BCT 214 and BCT 215. It includes task-oriented projects in which students can apply many of the skills and knowledge that have been presented throughout the National Center for Construction and Education Research (NCCER) Carpentry Program. Pre/Corequisite: BCT 214 or BCT 215.

BCT 217 Building and the Environment 2 cr.
Introduction to LEED’s, and Green Building Fundamentals, sustainability, sustainable design and green building evaluating cost implication of green building. Describes site development; managing site water runoff, improving a project’s water use efficiency. Discusses renewable energy sources, and introduces student to generating power on-site using renewable energy sources, improving a building’s indoor environment quality, improving the building industries’ environmental performance and environmental aspects of building maintenance, re-use and conservation.

BCT 224 Advanced Carpentry I 3 cr.
Covers the equipment, principles, and methods used to perform distance measurement and leveling. In addition to layout for surveyors, field engineers, and carpenters; interpretation and use of site/plot plan drawings; and methods used for on-site communication. Covers the principles, equipment, and methods used to perform site layout. Covers commercial Construction: roofing materials and structures and describes the procedures for installing commercial. Covers installation of a variety of finishing materials, including paneling, and wainscoating. Also covers installation of curtain walls and fire-rated commercial construction. Also covers a variety of stair systems used in commercial construction.

BCT 226 Advanced Carpentry Laboratory 2 cr.
Provides practical task-oriented hands-on experience in which the student applies the skills and knowledge presented in the BCT 225 and BCT 226. Completion of BCT 225/226/227 will lead towards Certification under the National Center for Construction Education and Research (NCCER) Carpentry Program. Pre/Corequisite: BCT 224 or 225.

BCT 255 Special Topics 1-6 cr.
Topics to be announced in the Schedule of Classes.

BIOL—Biology

BIOL 101G Human Biology 3 cr.
Introduction to modern biological concepts. Emphasis on relevance to humans and their relationships with their environment. Cannot be taken for credit after successful completion of BIOL 111G or 211G. Corequisite: BIOL 101L.

BIOL 101GL Human Biology Laboratory 1 cr. (3P)
Laboratory for BIOL 101G. Laboratory experiences and activities exploring biological concepts and their relevance to humans and their relationship with their environment. Corequisite: BIOL 101G.

BIOL 111G Natural History of Life 3 cr.
Survey of major processes and events in the genetics, evolution, and ecology of microbes, plants and animals, and their interactions with the environment. Appropriate for nonscience majors. Must be taken with BIOL 111 to meet general education requirements.

BIOL 111GL Natural History of Life Laboratory 1 cr. (3P)
Laboratory experiments, demonstrations and exercises on interrelationships among organisms, ecosystems, and the interaction of organisms and their environment. Corequisite: BIOL 111G.

BIOL 221 Microbiology for Health Occupations 3 cr. (3P)
Study of the relationship between pathogenic organisms and disease processes. Prerequisites: high school biology and high school chemistry, CHEM 110G, and OEH 153 or equivalent or consent of instructor. Corequisite: OEH 154 or equivalent.

BIOL 221L Microbiology for Health Occupations Lab 1 cr. (3P)
Laboratory to accompany BIOL 221.
BMGT 225 Introduction to Anatomy and Physiology I  
Survey of human anatomy and physiology. Prerequisite: high school biology or high school chemistry, or CHEM 110G, or consent of instructor.

BMGT 226 Introduction to Anatomy and Physiology II  
Continuation of OEHO 153. Prerequisites: CHEM 110G and OEHO 153, or consent of instructor.

**BMGT—Business Management**

**BMGT 110 Introduction to Business**  
3 cr.  
Terminology and concepts of the business field. Role of accounting, computers, business management, finance, labor, and international business in our society.

**BMGT 112 Principles of Banking**  
3 cr.  
Banking in today's economy: language and documents of banking, check processing, teller functions, deposit function, trust services, bank bookkeeping, loans, and investments.

**BMGT 126 Retail Management**  
3 cr.  
Phases of retailing, including types of retail outlets and basic problems of organizing and operating a retail store.

**BMGT 132 Principles of Selling**  
3 cr.  
Analysis of customer behavior, persuasive communication, process of the sales interview.

**BMGT 136 Fundamentals of Buying and Merchandising**  
3 cr.  
Covers operational aspects of procuring and selling merchandise for the retail store. Procedures covered are buying, receiving, pricing strategies, sales promotions and operational controls.

**BMGT 138 Advertising**  
3 cr.  
Psychological approach to non-personal consumer persuasion; applied techniques in media selection, layout mechanics, production methods, and campaign structures.

**BMGT 140 Principles of Supervision I**  
3 cr.  
Principles of supervision emphasizing planning, organization, rating of employees and procedures to develop good morale. Introduction to interpretation of case studies.

**BMGT 150 Income Taxation**  
3 cr.  
Federal income taxation of individuals, sole proprietorships, partnerships, corporations, trusts, and estates with particular reference to CLU, life insurance and annuities.

**BMGT 155 Special Topics I**  
1–3 cr.  
Introductory special topics of lower division level work that provides a variety of timely subjects and content material. May be repeated up to 9 credits.

**BMGT 175 Introduction to Business Finance**  
3 cr.  
Understanding financial systems and the methods businesses use to acquire and use resources is an important tool for the managers. This course provides an overview of the financial inner workings of businesses and corporations.

**BMGT 191 Students in Free Enterprise**  
1 cr.  
Students in Free Enterprise is an international organization promoting and teaching business entrepreneurship. Students will learn teamwork, leadership, and networking skills by participating in regional and international business competitions and community service projects. May be repeated for a maximum of 6 credits. Restricted to BMGT majors.

**BMGT 201 Work Readiness and Preparation**  
2 cr.  
Instruction in methods of selection, seeking, acquiring and retaining employment. Addresses work success skills, business etiquette, employer expectation and workplace norms.

**BMGT 202 Career Management**  
1 cr.  
Developing and implementing career plans through decision making framework to gain personal success and satisfaction within today's social and global workforce. Consent of instructor required.

**BMGT 205 Customer Service Practices/Techniques**  
3 cr.  
Techniques to attract and keep customers: communications, phone skills, handling customer complaints.

**BMGT 210 Marketing**  
3 cr.  
Role of marketing in economy, types of markets, product development, distribution channels, pricing, promotion of goods, market research, consumer motivation, and management of marketing process. Prerequisite: BMGT 110.

**BMGT 211 Marketing for Bankers**  
3 cr.  
Concepts and philosophies of marketing; information, research, target, the marketing mix, and market planning. Prerequisite: BMGT 112.

**BMGT 212 Supervisory and Leadership Trends**  
3 cr.  
Current trends in marketing, merchandising, sales promotion and management; in manufacturing, merchandising and service types of businesses. Extensive use of practical student project. Prerequisite: BMGT 140.

**BMGT 213 Consumer Lending**  
3 cr.  
Principles of credit evaluation, types of credit, marketing, collections, legal aspects, installment lending, leasing management, insurance, and rate structure and yields. Prerequisite: BMGT 112.

**BMGT 215 Banks and the Money Supply**  
3 cr.  
Practical application of the economics of money and banking. Required of all students electing the banking option.

**BMGT 221 Cooperative Experience I**  
1–3 cr.  
Student employed in approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Consent of instructor required. Graded: S/U. Restricted to BMGT majors.

**BMGT 223 Supervision and Labor Relations**  
3 cr.  
Federal acts affecting business and industry, supervisor's responsibility for effective labor relations, union contracts, grievance procedures, and job and safety instruction.

**BMGT 225 Introduction to Commercial Lending**  
3 cr.  
Commercial lending overview, the lending process, portfolio management, and regulation and business development. Prerequisite: BMGT 112.

**BMGT 226 Business Start-Up:**  
**Financing, Regulations and Operations**  
3 cr.  
Business start-ups are often unaware of the intricacies of financing, governmental regulations and operational details. This course prepares the student to seek and utilize the most opportune financing available and ensure that pertinent governmental and tax regulations are followed. Prerequisites: BMGT 274 and 276 or consent of instructor.

**BMGT 229 Business Start-Up: Marketing for Success**  
3 cr.  
This course teaches students the essentials of real world marketing as a means of ensuring the success of their business. Marketing plans, research and customer identification are covered as well as advertising methods that work to create sales. Prerequisites: BMGT 274, BMGT 276, and 228 or consent of instructor.

**BMGT 231 Legal Issues in Business**  
3 cr.  
Application of fundamental legal principles to business transactions. Sources, functions, and objectives of law, including federal and New Mexico court systems and procedures, criminal law, torts, contracts, and sales, and Uniform Commercial Code.

**BMGT 232 Personal Finance**  
3 cr.  
Budgeting, saving, credit, installment buying, insurance, buying versus renting a home, income tax statement preparation, investment, and estate disposal through will and trust.

**BMGT 233 Law and Banking**  
3 cr.  
Basic commercial law as it relates to banking and bank transactions. Prerequisite: BMGT 112.

**BMGT 235 Credit Administration**  
3 cr.  
Covers factors influencing and determining loan policy: methods of credit investigation and analysis, credit techniques, credit problems, and types of loans. Prerequisite: BMGT 112.

**BMGT 239 Visual Marketing Techniques**  
3 cr.  
Provides a basic understanding of visual marketing and merchandising techniques. The importance of effective presentation of a store and its merchandise is covered, as is line, balance and artistic display.

**BMGT 240 Human Relations**  
3 cr.  
Human interactions in business and industrial settings. Motivation and learning experiences as related to problems of the worker and supervisor. Practical applications of human behavior. Prerequisite: CCDE 105N or higher or BOT 105 or higher.

**BMGT 242 Stock Market Fundamentals**  
3 cr.  
Understanding the stock market and other financial markets is important for success as an individual investor. This course teaches the fundamentals of the stock market and how financial instruments are bought and sold.

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*2011-2012 CATALOG*
BMGT 244 Personal Stock Portfolio Analysis 3 cr.
Analyzing stock portfolios to determine value, potential growth and worth is an important skill for entrepreneurs and investors. Various techniques are taught that assist in evaluating stock value and determining which meet individual investment goals.

BMGT 245 Bank Investments 3 cr.
Covers nature of bank investments, relationship of investment management to other functional areas of the bank, and factors that affect investment strategies and decisions. Prerequisite: BMGT 112 or consent of instructor.

BMGT 248 Introduction to Quality Management 3 cr.
Introductory practices of total quality management practices aimed at all levels of an organization to continually improve performance to include competitiveness in today's business environment.

BMGT 250 Diversity in the Workplace 3 cr.
Concepts of culture, diversity, prejudice, and discrimination within the domestic workforce/society. Prerequisite: BMGT 110.

BMGT 255 Special Topics II 1–3 cr.
Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

BMGT 258 Cash, Inventory, and Credit Control 3 cr.
Cash and inventory control and management; credit management. Consent of instructor required.

BMGT 259 Budget and Cost Control 3 cr.
Standard costs, variable costing, absorption costing, formal budgeting process, responsibility accounting for cost and profit centers, inventory management techniques, risk adjusted capital budgeting, cash management, credit management, internal checks. Consent of instructor required.

BMGT 260 Real Estate Practice 3 cr.
This course is a requirement for licensure in real estate for the state of New Mexico. Topics covered include: real estate finance, settlement, foreclosure, federal taxation, valuation and appraisal, land descriptions and math skills. These topics are requirements of the New Mexico Real Estate Commission.

BMGT 261 Real Estate Appraisal 3 cr.
Principles and techniques of residential real estate appraisal. Not designed to train individuals as independent fee appraisers.

BMGT 262 Commercial Property Management 3 cr.
Managing commercial property requires knowledge of marketing, advertising, regulatory controls, financial arrangements, and legal issues. This course addresses all aspects of managing commercial properties. Consent of instructor required.

BMGT 263 Real Estate Sales Techniques 3 cr.
Improvement of sales techniques; the selling process, negotiation skills, objection-handling and closing, business planning, goal setting, and effective application of marketing techniques.

BMGT 264 Real Estate Law 3 cr.
This course is a requirement for licensure in real estate for the state of New Mexico. Topics covered include: ownership of real estate, real estate brokerage relationships, contracts, environmental concerns and federal laws that affect real estate. These topics are requirements of the New Mexico Real Estate Commission. Cross-listed with: PL S 264

BMGT 265 Real Estate Finance 3 cr.
Financing real property, the money market, sources and cost determinants of mortgage money, financial leverage, value of existing mortgages in relation to the current market, and purchaser qualification.

BMGT 266 Commercial and Industrial Development 3 cr.
Managing commercial property requires knowledge of marketing, advertising, regulatory controls, financial arrangements, and legal issues. This course addresses all aspects of managing commercial properties. Consent of instructor required.

BMGT 267 Commercial Property Appraisal and Evaluation 3 cr.
Evaluation and financial appraisal of commercial real property preparatory to the sales process is an important skill for real estate developers and managers. Information concerning land and building evaluation will be covered. Standard Techniques for valuation and commercial sites will be presented. Evaluation and financial appraisal of commercial real property preparatory to the sales process is an important skill for real estate developers and managers. Information concerning land and building evaluation will be covered. Standard Techniques for valuation and commercial sites will be presented. Consent of instructor required.

BMGT 268 Real Estate Broker's Basic Course 3 cr.
State of New Mexico specific criteria that apply to real estate licensure: purchase agreements, listing agreements, New Mexico Rules and Regulations, and landlord tenant legislation. Prerequisites: BMGT 260 and 264.

BMGT 269 Financial Lending Practices for Development Projects 3 cr.
This course describes the functions of the global financial marketplace emphasizing their interactions and interconnectedness. Lending practices and their impact on development and growth are discussed. Consent of instructor required.

BMGT 270 Urban Development and Renewal 3 cr.
This course describes the basic functions and considerations for planners and developers when undertaking urban development and renewal projects. Attention is given to environmental, social, and economic factors. Consent of instructor required.

BMGT 271 Practical Applications for Microcomputers in Business 1–3 cr.
Owner/manager approach to use of microcomputers: systems design, software, business applications such as inventory, balance sheets, accounts receivable. Hands-on experience. May be repeated for a maximum of 6 credits under different subtitles. Preference given to BMGT majors. Prerequisites: CS 110, ACCT 251 and 216.

BMGT 272 E-Commerce Operations 3 cr.
Introduces the many forms of e-commerce and emerging technologies that will impact the businesses of tomorrow. Prerequisite: OECS 105, CS 110G or BCIS 110G.

BMGT 273 International Hotel and Tourism Management 3 cr.
Managing hotel properties in the international arena. Developing and operating tourist venues and facilities catering to internal and external visitors. Challenges of property development in an international setting. Consent of instructor required.

BMGT 274 Business Start-up: Orientation for Entrepreneurs 3 cr.
Teaches the skills to effectively conceive, plan and open a business. Initial course in a series aimed at preparing individuals to start and run their own business.

BMGT 276 Advanced Business Plan Development 3 cr.
Preparing a detailed business plan as the first step in creating a successful business. Prerequisite: BMGT 274 or consent of instructor.

BMGT 277 Small Business Management 3 cr.
Study of the principles, advantages, and problems of owning or operating a small business. Location, capital, marketing, control, and sales promotion. Prerequisite: BMGT 110.

BMGT 278 Sustainable Real Estate Development 3 cr.
The awareness of environmental and economic sustainability in project development and planning is an important aspect of the developer's role in the 21st century. The ability to design projects that consider multiple stakeholders and address environmental concerns is addressed in this course.

BMGT 280 Introduction to Human Resources 3 cr.
Personnel functions encompassing job analysis, recruitment, selection, training, appraisals, discipline, and terminations. Prerequisite: BMGT 110.

BMGT 282 Introduction to International Business Management 3 cr.
Overview of the social, economic and cultural environment of international business transactions. Prerequisite: BMGT 110.

BMGT 285 Introduction to Manufacturing Operations 3 cr.
Introduction to issues related to manufacturing, including an overview of the production function, product design and development, location, layout, forecasting, planning, purchasing, materials/inventory, and quality management. Prerequisites: BMGT 110 and 140.

BMGT 286 Introduction to Logistics 3 cr.
Overview on the planning, organizing, and controlling of transportation, inventory maintenance, order processing, purchasing, warehousing, materials, handling, packaging, customer service standards, and product scheduling.

BMGT 287 Introduction to Export/Import 3 cr.
Procedures and documentation for exporting and importing products. Emphasis on NAFTA regulations and other U.S. border operations crossings. Prerequisites: BMGT 110 and 282.

BMGT 290 Applied Business Capstone 3 cr.
Refines skills and validates courses taken in BMGT program. Business simulations, case studies and projects used to test and improve business practices. Student must be within 25 credits of graduation. Prerequisites: BMGT 110, 140, 210, 231 and 221.
BOT—Business Office Technology

BOT 101 Keyboarding Basics 3 cr. (2+2P)
Covers correct fingering and mastery of the keyboard to develop skillful operation. Formatting basic business letters, memos, and manuscripts.

BOT 102 Keyboarding: Document Formatting 3 cr. (2+2P)
Designed to improve keyboarding speed and accuracy; introduce formats of letters, tables and reports. A speed and accuracy competency requirement must be met. Prerequisite: BOT 101 or consent of instructor.

BOT 103 Business English I 3 cr.
Training and application of the fundamentals of basic grammar, capitalization and sentence structure (syntax).

BOT 106 Business Mathematics 3 cr. (2+2P)
Mathematical applications for business, including training in the touch method of the 10-key calculator. Prerequisite: CCDM 103N or adequate score on math placement exam.

BOT 109 Business English II 3 cr.
Training and application of the fundamentals of punctuation, numbers, basic writing and editing skills. Prerequisite: C or better in BOT 105.

BOT 110 Records Management 3 cr.
Principles, methods and procedures for the selection, operation and control of manual and automated records systems.

BOT 120 Accounting Procedures I 3 cr. (2+2P)
Business accounting principles and procedures. Use of special journals, cash control, and merchandising concepts. Reports for sole proprietorships.

BOT 121 Accounting Procedures II 3 cr. (2+2P)
Continuation of BOT 120, emphasizing accounting principles and procedures for notes and interest, depreciation, partnerships and corporations, cash flow and financial statement analysis. Prerequisite: BOT 120.

BOT 135 Keyboarding Technique Review 3 cr.
Emphasis on improving keyboarding speed and accuracy. Prerequisite: BOT 101 or equivalent.

BOT 140 Payroll Accounting 3 cr. (2+2P)
Payroll procedures including payroll tax forms and deposits. Prerequisite: BOT 120 or consent of instructor.

BOT 170 Office Communications in Spanish I 3 cr.
Develop oral and written communications skills of native or near-native speakers of Spanish. The student will learn basic letter writing skills, customer service techniques, and telephone etiquette in Spanish. Prerequisite: BOT 101 or basic computer keyboarding skills and native or near-native Spanish-speaking ability.

BOT 171 Office Communications in Spanish II 3 cr.
Develop oral and written communications skills of native or near-native speakers of Spanish. Emphasis placed on learning the office assistant’s role within the office environment. Compose complex business correspondence and learn to make international travel arrangements. Prerequisite: BOT 101 or BOT 170.

BOT 190 Career Exploration 1 cr.
Assists students in making career path choices by presenting overviews of the duties and expectations of support staff employed in legal, medical, accounting, and general offices. Includes instructor presentations, guest speakers, local office visits, advising workshop, and degree plan preparation.

BOT 191 Taking Minutes 1 cr.
Introduces helpful strategies and tips on preparing for meetings as well as recording and transcribing meeting minutes. Topics include legal requirements, duties and expectations of the minute taker and the meeting chair, meeting types, minute formats, organizing formal and informal minutes, and actual practice. Graded: S/U.

BOT 202 Keyboarding Document Production 3 cr. (2+2P)
Further development of keyboarding speed and accuracy. Production of complex letters, memos, tables, reports and business forms. A speed and accuracy competency requirement must be met. Prerequisites: BOT 102 and BOT 109, or consent of instructor.

BOT 203 Office Equipment and Procedures I 3 cr. (2+2P)
Office organization, telephone techniques, equipment and supplies, handling meetings, human relations, mail procedures, and travel. Prerequisites: BOT 213 or C S 110G or consent of instructor.

BOT 205 Microcomputer Accounting I 3 cr. (2+2P)
Introduction to automated accounting systems on microcomputers. Prerequisite: working knowledge of computers and accounting or consent of instructor.

BOT 206 Microcomputer Accounting II 3 cr. (2+2P)
Microcomputer accounting applications, integrating spreadsheets, word processing, graphics, and database. Prerequisites: BOT 121 and OEC 215, or consent of instructor.

BOT 207 Machine Transcription 3 cr. (2+2P)
Creating office documents using transcribing equipment and microcomputer software. Emphasis on proofreading, editing and grammar. Prerequisites: minimum keyboarding of 45 wpm and C or better in BOT 105 or BOT 109 or equivalent and BOT 211 or BOT 213.

BOT 208 Medical Office Procedures 3 cr. (2+2P)
Records and procedures as applicable to medical offices. Prerequisites: BOT 109, BOT 211, and OEHO 120.

BOT 209 Business and Technical Communications 3 cr.
Effective written communication skills and techniques for career success in the workplace. Composition of letters, memos, short reports, forms, and proposals, and technical descriptions and directions. Prerequisites: ENGL 111G and computer keyboarding ability or consent of instructor.

BOT 211 Information Processing I 3 cr. (2+2P)
Defining and applying fundamental information processing concepts and techniques using the current version of leading software. Prerequisites: Keyboarding proficiency as demonstrated through completion of BOT 122, 123, and 124 or BOT 101 or equivalent. May be repeated for a maximum of 6 credits under different subtitles listed in the Schedule of Classes.

BOT 215 Spreadsheet Applications 1–3 cr.
Same as OEC 215. May be repeated under different subtitles listed in the Schedule of Classes.

BOT 217 PowerPoint Presentation 3 cr.
Comprehensive, hands-on approach to learning and applying basic and advanced features of PowerPoint. These include text enhancements, objects, fills, colors, animation, charts, sound, video, and hyperlinks. Students demonstrate appropriate audience and communication tools to deliver presentations. Prerequisites: BOT 211 or ability to demonstrate keyboarding and Windows proficiency.

BOT 218 Information Processing II 3 cr. (2+2P)
Advanced information processing techniques using current version of leading software. Prerequisite: BOT 211 or consent of instructor. May be repeated for a maximum of 6 credits.

BOT 221 Cooperative Experience I 1–3 cr.
Student employed at approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: consent of instructor. Graded S/U. Restricted to BOT majors.

BOT 222 Cooperative Experience II 1–3 cr.
Continuation of BOT 221. Prerequisites: BOT 221 and consent of instructor. Graded S/U.

BOT 223 Medical Transcription I 3 cr. (2+2P)
Introductory machine transcription for the medical office using medical terminology. Prerequisites: OEHO 120 or BOT 150, and BIOL 101G/L or OEHO 100 or consent of instructor.

BOT 228 Medical Insurance Billing 3 cr.
Overview of the insurance specialists role and responsibilities. Emphasis on diagnostic and procedural coding and the claims processing cycle. Prerequisite: NURS 150 or OEHO 120 or BOT 150 and OEHO 100 or BIOL 101G/L and BOT 208 or consent of instructor. May be repeated for a maximum of 6 credits.

BOT 233 Advanced Medical Transcription 3 cr. (2+2P)
Builds upon the concepts introduced in Medical Transcription providing greater understanding of how to produce advanced reports of physician dictation with increasing speed and accuracy. Emphasis will be on proofreading and editing of operative reports, patient history and physicals, office notes, labor and delivery reports, consultation reports, discharge summaries, and other medical reports. Prerequisite: BOT 223.
**B O T**

**B O T 239 Personal Development** 3 cr.
Development of a marketable, employable office systems person, to include interview, voice, manners, and apparel.

**B O T 241 Auditing and Business Issues** 3 cr.
Introduction to basic auditing concepts, the purpose for the auditing process, and requirements of persons assisting with the audit process. The course will also deal with issues of business law including contracts, sales, torts, strict liability, and business ethics. Prerequisite: BOT 120. Restricted to BOT majors.

**B O T 242 Not-for-Profit Accounting** 3 cr.
Accounting concepts of government and nongovernmental not-for-profit entities. Discussion of fund accounting principles and financial statement preparation. Prerequisites: BOT 120 and 121 or ACCT 201 and 202.

**B O T 244 Tax Preparation** 3 cr.
Introduces basic federal and state tax codes for preparing individual income tax returns. Emphasis on use of tax software. Prerequisite: keyboarding proficiency.

**B O T 246 Tax Recertification** 1 cr.
Review changes in the tax code and tax software for preparing federal and state individual income tax returns. Prerequisite: BOT 244. May be repeated for a maximum of 6 credits.

**B O T 247 Civic Involvement in Tax Preparation** 1–3 cr.
Prepare individual tax returns applying current tax code. Each credit requires specific number of volunteer hours at a designated New Mexico Tax Coalition site. Prerequisite: BOT 246.

**B O T 250 Electronic Office Systems** 3 cr. (2+2P)
Management of the electronic office. Office use of computers, printers, fax machines, copiers, and scanner concepts will be covered. Prerequisite: BOT 211.

**B O T 255 Special Topics** 1–4 cr.
Specific subjects to be announced in the Schedule of Classes.

**B O T 270 Business Office Technology Capstone** 3 cr. (2+2P)
Refines professional skills learned in the BOT program and ties all BOT coursework together. Students will be prepared to sit for the Certified Professional Secretary and/or Certified Administrative Professional examinations. Prerequisites: BOT 102 or BOT 129; and BOT 209 or ENGL 203G or ENGL 218G; and BOT 211 or OECS 211.

**B O T 298 Independent Study** 1–3 cr.
Individual studies directed by consenting faculty with prior approval of department head. Prerequisite: sophomore standing with 3.0 GPA. May be repeated for a maximum of 3 credits.

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**B U S A — Business Administration and Economics**

**B U S A 111 Business in a Global Society** 3 cr.
Overview of the global environment of business and the development of business as an integrative, cross-disciplinary activity. Prerequisite: BCIS 110G or C S 110 or concurrent enrollment.

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**C E P — Counseling and Educational Psychology**

**C E P 110G Human Growth and Behavior** 3 cr.
Introduction to the principles of human growth and development throughout the life span.

**C E P 210 Educational Psychology** 3 cr.
Psychological foundations as they apply to the learner in the class room setting.

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**C J — Criminal Justice**

**C J 101G Introduction to Criminal Justice** 3 cr.
Examination of crime and justice within the broader social and cultural context of U.S. society from interdisciplinary social science perspectives. Includes critical analysis of criminal justice processes and the ethical, legal, and political factors affecting the exercise of discretion by criminal justice professionals.

**C J 201 Independent Study** 3 cr.
Directed, individual studies and projects. Consent of instructor required.

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**C J 210 The American Law Enforcement System** 3 cr.
Historical and philosophical foundations of law and order. An in-depth examination of the various local, state, and federal law enforcement agencies.

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**C J 221 Fundamentals of Criminal Investigation** 3 cr.
Investigation procedures from crime scene searches, collection of evidence, and case preparation. (Note: students completing C J 221 may not take C J 321.)

**C J 230 Introduction to Corrections** 3 cr.
Development of correctional philosophy, theory, and practice. Instructional and non-institutional alternatives available in the corrections process.

**C J 250 Courts and the Criminal Justice System** 3 cr.
Structures and functions of American courts. Roles of attorneys, judges, and other court personnel; operation of petit and grand juries, trial and appellate courts.

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**C S — Computer Science**

**C S 110 Computer Literacy** 3 cr.
Evolution and application of computers; economic and social implications; introduction to programming on microcomputers.

**C S 167 C Programming** 3 cr. (2+2P)
Programming in the C language. Prerequisite: MATH 121G.

**C S 177 C++ Programming** 3 cr. (2+2P)
Introduction to object-oriented programming in the C++ language. Prerequisite: C S 167 or previous programming experience in C or consent of instructor.

**C S 187 Java Programming** 3 cr. (2+2P)
Programming in the Java language. Prerequisite: MATH 121G. Same as BCIS 122.

**C S 209 Special Topics** 1–3 cr.
May be repeated for a maximum of 12 credits.

**C S 272 Introduction to Data Structures** 4 cr. (3+2P)
Design, implementation, use of fundamental abstract data types and their algorithms: lists, stacks, queues, deques, trees; imperative and declarative programming. Internal sorting; time and space efficiency of algorithms. Prerequisites: at least a C in C S 172.

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**C C D E — Community College Developmental English**

**C C D E 105N Effective Communication Skills** 4 cr. (3+2P)
Instruction and practice in basic communication, to include written and oral presentations. Develops thinking, writing, speaking, reading, and listening skills necessary for successful entry to college and university classes. Provides laboratory. RR applicable.

**C C D E 110N General Composition** 4 cr. (3+2P)
Instruction and practice in preparation for college-level writing. Students will develop and write short essays. Provides laboratory. Prerequisite: CCDE 105N (C or better) or equivalent. RR applicable.

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**C C D L — Community College Developmental Language**

**C C D L 101N Basic Skills in English as a Second Language I** 4 cr. (3+2P)
Developmental studies course for ESL students. Development of basic skills in speaking, listening, reading, and writing English as a second language with emphasis on speaking and listening. Pronunciation stressed. Course intended for U.S. citizens and residents who are nonnative speakers of English. Prerequisite: English language screening or consent of instructor.

**C C D L 103N Basic Skills in English as a Second Language II** 4 cr. (3+2P)
Continuation of C C D L 101N for ESL students. Course intended for U.S. citizens and residents who are nonnative speakers of English. Prerequisite: English language screening or consent of instructor.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
<th>Instructor Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 110G</td>
<td>Principles and Applications of Chemistry</td>
<td>4 cr. (3+3P)</td>
<td></td>
<td>A survey of the properties and uses of the elements and their compounds. In addition to classical chemistry, attention is paid to the materials from which consumer products are made, to the production of energy, and to environmental considerations. Prerequisite: 3 years of high school math or CCDM 114N.</td>
</tr>
<tr>
<td>CHEM 111G</td>
<td>General Chemistry I</td>
<td>4 cr. (3+3P)</td>
<td></td>
<td>Descriptive and theoretical chemistry. Prerequisites: (1) grade of C or better in MATH 120 or a Mathematics Placement Exam Score adequate to enroll in mathematics courses beyond MATH 120; and (2) one of the following: B or better in a second semester high school chemistry course, or grade of at least C in CHEM 100, or an enhanced ACT score of at least 22. CHEM 111G/112 are General Education alternative to CHEM 110G.</td>
</tr>
<tr>
<td>CHEM 112G</td>
<td>General Chemistry II</td>
<td>4 cr. (3+3P)</td>
<td></td>
<td>Descriptive and theoretical chemistry. CHEM 111G/112 are General Education alternative to CHEM 110G.</td>
</tr>
<tr>
<td>CHEM 210</td>
<td>Chemistry for the Allied Health Sciences</td>
<td>3 cr.</td>
<td></td>
<td>Discussion and application of the established facts and concepts of general organic chemistry and biochemistry to acquire a molecular understanding of a variety of health related issues, from atmospheric ozone holes to human nutrition. Prerequisite: CHEM 110G or CHEM 111G.</td>
</tr>
<tr>
<td>CHSS 101</td>
<td>Overview of Health and Community Services</td>
<td>3 cr.</td>
<td></td>
<td>Health and community service professionals with emphasis on public health, community health education, and environmental/occupational health.</td>
</tr>
<tr>
<td>CHSS 216</td>
<td>Ethical and Research Issues in Human and Community Service</td>
<td>3 cr.</td>
<td></td>
<td>Ethical and legal responsibilities of health personnel with emphasis on research applications. May not receive credit for both CHSS 216 and 316.</td>
</tr>
<tr>
<td>CHSS 299</td>
<td>Service Learning Experience in Human and Community Services</td>
<td>3 cr.</td>
<td></td>
<td>Exploration of contemporary social, civic, economic and ethical problems that require student participation in collaborative efforts within the community. Requires 30 clock hours of community based service for each credit. Prerequisite: CHSS 101 or consent of instructor.</td>
</tr>
<tr>
<td>CMT 100</td>
<td>Introduction to Visual Communications</td>
<td>3 cr.</td>
<td></td>
<td>Overview of the process of crafting a digital product from conception to final. Incorporates basic principles of art and design, typography, layout, color and imagery, logos and advertising basics.</td>
</tr>
<tr>
<td>CMT 108</td>
<td>Introduction to Media Technologies</td>
<td>1–3 cr.</td>
<td></td>
<td>Introduction to various media technologies.</td>
</tr>
<tr>
<td>CMT 110</td>
<td>Introduction to Web Design</td>
<td>1 cr.</td>
<td></td>
<td>Basics of creating simple web sites for personal use.</td>
</tr>
<tr>
<td>CMT 115</td>
<td>Digital Photography and Imaging I</td>
<td>3 cr. (2+2P)</td>
<td></td>
<td>Principles and techniques of photography using digital equipment with an emphasis on lighting, focus, and composition.</td>
</tr>
<tr>
<td>CMT 120</td>
<td>Introduction to Creative Media</td>
<td>3 cr. (2+2P)</td>
<td></td>
<td>Exploration and discovery of the creative processes through art, music, theater, narrative, and other avenues.</td>
</tr>
<tr>
<td>CMT 126</td>
<td>Film Crew Training I</td>
<td>9 cr.</td>
<td></td>
<td>Introduction and hands-on experience in all craft areas of film production.</td>
</tr>
<tr>
<td>CMT 130</td>
<td>Introduction to Web Design</td>
<td>3 cr. (2+2P)</td>
<td></td>
<td>Introduction to web development techniques, theory, and design. Incorporates HTML and industry-standard web editing software in developing various web sites.</td>
</tr>
<tr>
<td>CMT 135</td>
<td>Introduction to 3D Computer Animation</td>
<td>3 cr. (2+4P)</td>
<td></td>
<td>Learning to work in a 3D environment. Introduction to the basics of modeling, animation, dynamics, and rendering. Working with polygons, NURBS and subdivisions, and editing in multiple interfaces. May be repeated for a maximum of 6 credits.</td>
</tr>
<tr>
<td>CMT 140</td>
<td>Print Media I</td>
<td>3 cr. (2+2P)</td>
<td></td>
<td>Creation and design of publications and presentation materials using page layout software. May be repeated for a maximum of 6 credits.</td>
</tr>
<tr>
<td>CMT 142</td>
<td>Computer Illustration</td>
<td>3 cr. (2+2P)</td>
<td></td>
<td>Preparation of digital graphics with a vector or draw program for use in print, web, video, animations, and multimedia. May be repeated for a maximum of 6 credits.</td>
</tr>
</tbody>
</table>
**CMT 145 Image Processing I**  
3 cr. (2+2P)  
Design and creation of digital graphics using a raster or bitmap program for use in print, multimedia, video, animation and web. May be repeated for a maximum of 6 credits.

**CMT 146 Digital Foundations**  
4 cr. (2+4P)  
Accelerated course covering concepts and techniques of industry-standard raster and vector graphics programs with focus on design and application. May be repeated for a maximum of 8 credits.

**CMT 150 2D Animation**  
3 cr. (2+2P)  
Concepts and techniques in storyboarding and creating interactive 2D animations for web, multimedia and video. Prerequisites: CMT 142 or CMT 146.

**CMT 151 Evolution of Electronic Games**  
3 cr. (2+2P)  
Focus on the evolution of video games and how they have shaped mainstream entertainment. May be repeated up to 6 credits.

**CMT 155 Selected Topics**  
1–4 cr.  
Specific titles to be announced in the Schedule of Classes. May be repeated for a maximum of 18 credits.

**CMT 156 Film Crew Training II**  
9 cr.  
In-depth training in specific craft areas. Prerequisite: CMT 126.

**CMT 160 Modeling and Animation**  
3 cr. (2+2P)  
Building on student's knowledge of 2D animation, covers modeling and animating objects and scenes in a 3D environment using various camera and lighting effects. May be repeated for a maximum of 6 credits. Prerequisite: CMT 150.

**CMT 170 History of Film: A Global Perspective**  
3 cr.  
Explores the history of cinema from the earliest 19th century developments to the present digital video revolution. Offers students a broader base of understanding of the tools and methodologies used in the craft.

**CMT 175 3D Character Design**  
3 cr. (2+4P)  
Focus on designing a character and then taking that design and building it in 3D using intermediate modeling techniques. Prerequisite: CMT 135 or CMT 160. May be repeated for a maximum of 6 credits.

**CMT 180 Principles of Media Design**  
3 cr. (2+2P)  
Techniques and theories of design principles, including layout foundations, logo building, type, color, and story-boarding and their application to print, web, animation and video. Prerequisite: CMT 142 or CMT 146.

**CMT 185 3D Shading and Lighting Techniques**  
3 cr. (2+4P)  
Study of various global, scene and character lighting techniques, shading and shadowing, and creating atmospheres and reflections that bring computer generated 3D scenes to life. Examines environmental and studio lighting to bring real life experience into the digital production process. Prerequisite: CMT 135 or CMT 160.

**CMT 190 Digital Video Production I**  
3 cr. (2+4P)  
A hands-on study of the tools and techniques used to produce the independent video. Through the production of various short projects, the student explores how the ideas of the writer/director are translated into a visual story. May be repeated for a maximum of 6 credits.

**CMT 192 Acting for the Camera**  
3 cr. (2+2P)  
Covers acting techniques, body movement, monologues and auditioning. Students will gain professional acting experience on camera as well as learn what is expected on a film or video set.

**CMT 195 Digital Video Editing I**  
3 cr. (2+2P)  
A study of the basic tools and techniques of non-linear digital video editing. May be repeated for a maximum of 6 credits.

**CMT 200 Critical Game Studies**  
3 cr. (2+2P)  
Focus on creating a complete design document utilizing techniques and standards used in the industry today. May be repeated up to 4 credits. Prerequisite: CMT 175.

**CMT 205 Cinematography**  
3 cr. (2+2P)  
Theory and techniques of visual design in cinematography and the aesthetics of lighting. May be repeated for a maximum of 6 credits. Prerequisites: CMT 145, 180 and 190.

**CMT 206 Principles of Sound**  
3 cr. (2+2P)  
Study of soundtrack design theory, and the use of audio editing software that is compatible with media editing software to create soundtracks for different visual media. Pre/Corequisite: CMT 195.

**CMT 210 Digital Video Production II**  
3 cr. (2+2P)  
Advanced techniques of the tools and application of professional film making. Prerequisite: CMT 190. May be repeated for a maximum of 6 credits.

**CMT 215 Digital Video Editing II**  
3 cr. (2+2P)  
Advanced features of digital video, audio/music, and titling production software. Included are color correction, vector scopes, motion effects, and advanced editing techniques used by filmmakers. Prerequisite: CMT 195 or OEGR 210. May be repeated for a maximum of 6 credits.

**CMT 216 Digital Photography and Imaging II**  
3 cr. (2+2P)  
Provide understanding and skills needed for advanced digital capture, editing, optimizing and manipulating photographic images for print, web and multimedia applications. The course will prepare students to make more advanced technical and more refined aesthetic decisions relative to specific photographic applications. Prerequisite: CMT 115.

**CMT 220 Environmental Scene Design**  
3 cr. (2+4P)  
Modeling design techniques used to create environments and scenes for use in animated films and games. Investigation of both natural and architectural environments to be recreated in the virtual world. Prerequisite: CMT 135 or 160.

**CMT 221 Cooperative Experience**  
1–3 cr.  
Student will be employed in approved work site; supervised and rated by employer and instructor. Each credit requires specific number of hours of on-the-job work experience. Prerequisite: consent of instructor. May be repeated for a maximum of 9 credits. Graded S/U.

**CMT 222 Pre-production Management**  
3 cr. (2+2P)  
Pre-production planning paperwork breakdowns, budgeting, and scheduling; taking a project from start to finish from a producers standpoint. Prerequisite: CMT 190.

**CMT 223 Media Production Services**  
1–3 cr.  
A design studio environment in which students obtain real-world experience while providing service to college and non-profit associations with faculty supervision using a variety of media. Can be used with permission to fulfill cooperative requirement. Prerequisite: CMT 180 or ART 163. May be repeated for a maximum of 6 credits.

**CMT 225 Anatomical Character Design**  
3 cr. (2+4P)  
Focus on building anatomy-based 3D characters. Advanced study in NURBS, subdivisions, and polygon modeling techniques used to create fully functional and realistic models. Prerequisite: CMT 175. May be repeated for a maximum of 6 credits.

**CMT 226 Film Crew Cooperative Experience**  
3–6 cr.  
Industry production experience in specific craft areas for film crew technicians who have successfully completed two semesters of FTTP. Prerequisite: CMT 156.

**CMT 227 Advanced Character Animation**  
3 cr. (2+2P)  
Focus on complex rigging techniques as well as utilizing advanced animation functions to blend multiple animations into complex animations. May be repeated for a maximum of 6 credits. Prerequisite: CMT 175.

**CMT 228 Level Design Concepts**  
3 cr. (2+2P)  
Focus on the design and creation of video game levels. Dealing with the challenges and pitfalls of different video game genres. May be repeated for a maximum of 6 credits. Prerequisite: CMT 200.

**CMT 230. Web Design II**  
3 cr. (2+2P)  
Creating and managing well-designed, organized web sites using HTML and web development software. May be repeated for a maximum of 6 credits. Prerequisite: CMT 130.

**CMT 232 Script Development and Storyboarding**  
3 cr.  
Examines effective writing principles for creating storyboards that communicate the overall picture of a project, timing, scene complexity, emotion and resource requirements. Same as ENGL 232 and CMI 232.

**CMT 235 Web Design for Small Businesses**  
3 cr. (2+2P)  
Technology and techniques for designing and building a web presence for small business. May be repeated for a maximum of 6 credits. Prerequisite: CMT 130.

**CMT 236 Digital Audio Fundamentals**  
3 cr. (2+2P)  
Through hands-on projects, develop essential digital audio fundamentals and techniques for recording, editing, and mixing.

**CMT 240 Print Media II**  
3 cr. (2+2P)  
Refining of technical design skills using advanced features of page layout software in preparing a variety of business-related documents. Prerequisite: CMT 140 or OEGR 140. May be repeated for a maximum of 6 credits.

**CMT 241 Game Animation I**  
3 cr. (2+2P)  
Introduction to basic game play theory of 3D game design, including levels, character development and game playing concepts. Prerequisite: CMT 160.
CMT 242 Advanced Computer Illustration
Advanced techniques in 2D vector drawing and fundamentals of 3D illustration for use in print, web, and multimedia applications. Prerequisite: CMT 142. May be repeated for a maximum of 6 credits.

CMT 245 Image Processing II
Advanced techniques in editing and manipulation of raster images for digital graphics for print, multimedia, and web. Prerequisite: CMT 145. May be repeated for a maximum of 6 credits.

CMT 250 Advanced Graphics for Digital Media
Advanced techniques in design and creation of high-level 2D animations and interactive interfaces for web, multimedia, and video. Prerequisite: CMT 150. May be repeated for a maximum of 6 credits.

CMT 251 Gaming Platform and Standards
Focus on the different gaming platforms and their corresponding gaming demographics and standards. May be repeated for a maximum of 6 credits. Prerequisite: CMT 200.

CMT 252 Game Tools and Techniques
Focus on the different engines and gaming technologies that power the games of today. May be repeated for a maximum of 6 credits. Prerequisite: CMT 200.

CMT 254 History of Media Design
An introduction to the principles of design history and theory within a chronological framework of historical and emerging media.

CMT 255 Special Topics
Specific topics to be announced in the Schedule of Classes. May be repeated for a maximum of 18 credits.

CMT 256 Typography
Foundation in typography with an emphasis on history of typography and the practical application and impact of font choices for print, web, animation, and video. Deals with studies in font or letter construction and font choices focusing on design, application, incorporation, and visual impact. Prerequisite: CMT 142.

CMT 258 Advanced Camera Techniques
Professional camera techniques and training for electronic news gathering and studio filmmaking. Utilizes high-end handheld shooting techniques, cranes, dollsies, and steadicam training. May be repeated for a maximum of 6 credits. Prerequisite: CMT 190.

CMT 260 3D Special Effects
Creating advanced virtual special effects for both rigid and soft bodies. Using MEL, dynamic principles, mixing nodes, and advanced particle systems. How to drive particles over surfaces, add texture to flow, create surface tensions, and use collision events to drive texture. Study of integrating computer-generated images with real-life video and audio. Prerequisite: CMT 160 or CMT 225.

CMT 265 Personal Character Development
Focus on the development of personal character(s), from sketch to render. Develop complete biographies of character, then build, skin and animate with as many personal attributes as possible. Prerequisite: CMT 225.

CMT 266 Audio Postproduction
Application of techniques for the final postproduction phase of audio track editing, mixing and mastering for film, music, and animation; including Automated Dialog Replacement (ADR) and Foley. Prerequisites: CMT 206, CMT 236, CMT 237, CMT 247 and CMT 248.

CMT 270 Digital Video Game Theory and Animation I
Prepares students for creating 3D animated graphics in gaming modalities. Provides foundation of skills in gaming development, branching and alternative scenarios. Extensive use of rendering and advanced software packages. Prerequisites: CMT 135 and CMT 142.

CMT 271 Digital Video Game Theory and Animation II
Continuation of CMT 270. Prerequisite: CMT 270.

CMT 275 Advanced Web Techniques
Creating and managing complex web sites using advanced techniques and tools. Prerequisites: CMT 145 and 230. May be repeated for a maximum of 6 credits.

CMT 280 Interactive Design
Design and development of interactive multimedia projects such as gaming that incorporate graphics, video, sound and animation. Prerequisite: CMT 150 or CMT 160. May be repeated for a maximum of 6 credits.

CMT 285 Print Media III
Refinement of skills needed to prepare a variety of documents for print and the service bureau. Prerequisite: CMT 140 or CMT 240. May be repeated for a maximum of 6 credits.

CMT 290 Advanced 3D Animation Workshop A
Program capstone. Students will utilize the skills learned in the program to produce their final animation. Group integrated projects are strongly recommended to emulate a real-work animation studio environment. Prerequisite: consent of instructor. Corequisite: CMT 291. May be repeated for a maximum of 9 credits.

CMT 291 Advanced 3D Animation Workshop B
Program capstone. Students will utilize the skills learned in the program to produce their final animation. Group integrated projects are strongly recommended to emulate a real-work animation studio environment. Prerequisite: consent of instructor. Corequisite: CMT 290. May be repeated for a maximum of 9 credits.

CMT 292 Creative Media Studio
A studio environment where students specialize in creating film-festival quality and portfolio-ready projects under the supervision of faculty. Prerequisites: CMT 190 and 195 or 160. May be repeated for a maximum of 6 credits.

CMT 295 Professional Portfolio Design and Development
Personalized design and creation of the student’s professional portfolio including hard-copy, demo reel, and online. Prerequisite: consent of instructor. May be repeated for a maximum of 6 credits.

CMT 298 Independent Study
Individual studies directed by consenting faculty with prior approval of department head. Prerequisite: minimum GPA of 3.0 and sophomore standing. May be repeated for a maximum of 6 credits.

COLL—College Studies

COLL 101 College/Life Success
Provides students with an opportunity to cultivate the skills, values, and attitudes necessary to become confident, capable students, and contributing community members. Topics include time management, memory techniques, relationships, health issues, money management, and college and community resources.

COLL 103 Managing Your Money
Principles and strategies for effective money management. Includes financial goal setting, both short and long term. Explores the relationship between career and income earning potential. Explores issues of credit and debt management and prevention of identity theft. Taught completely on-line via webCT; a mini-semester course.

COLL 108 Academic Reading and Study Skills
Introduction to and practice with strategies for effective reading and studying at the college level. Provides laboratory.

COLL 120 Career Exploration
Survey of careers possible with community college associate degrees. Information on how to make a career choice.

COLL 153 Special Topics
Covers specific study skills and critical thinking topics. Specific sub-titles to be listed in the Schedule of Classes. May be repeated for a maximum of 8 credits.

COLL 183 Prior Learning: Professional Portfolio
Creating a portfolio that outlines professional and educational experiences. Life skills and education learned through workplace training and non-traditional education experiences will be evaluated for consideration of awarding college credit. Students will draft a life history paper, prepare a professional resume, assemble supporting documentation and evidence in support of their petition to receive college credit for prior learning. Culminating activities will include an oral presentation of the portfolio contents. Prerequisite: CCDE 110N or equivalent. Graded S/U.

COLL 201 Critical Thinking Skills
Introduction to critical thinking processes. Develops higher order thinking necessary to evaluate clearly, logically, and accurately one’s academic and life experiences. Practical emphasis on assertive thinking and perspectives. Prerequisite: placement scores for CCDE 110N or higher.
COMM — Communication Studies

COMM 253G Public Speaking 3 cr.
Principles of effective public speaking, with emphasis on preparing and delivering well-organized, logical, and persuasive arguments adapted to different audiences.

COMM 265G Principles of Human Communication 3 cr.
Study and practice of interpersonal, small group, and presentation skills essential to effective social, business, and professional interaction.

DAS — Dental Assisting (formerly OEDA)

NOTE: All DAS courses are restricted to Dental Assistant majors, except DAS 101, DAS 131, and DAS 133.

DAS 101 Introduction to Dental Assisting 2 cr.
An introduction to the duties and responsibilities of a dental assistant. Includes brief lessons on head and neck anatomy, chair side assisting, sterilization techniques, dental office emergencies, and dental office management.

DAS 111 Bio-Dental Science 4 cr. (3+3P)
An introduction to biomedical and dental sciences with emphasis on head and neck anatomy and tooth morphology. Includes microbiology, general anatomy and physiology, histology and embryology of the oral cavity, pathology and pharmacology as they relate to dentistry. Prerequisites: ENGL 111, OECS 101 or 105 or C S 110, PSY 201G or SOC 101, COMM 253 or 265 or OEHO 101, HNDS 163 or OEHO 225. Corequisites: DAS 113, 115, and 117.

DAS 113 Dental Assisting I 4 cr. (2+6P)
Introduction to chair side assisting procedures, instrumentation, infection control, equipment safety and maintenance, dental office emergencies, and management of pain and anxieties. Prerequisites: ENGL 111, OECS 101 or 105 or C S 110, PSY 201G or SOC 101, COMM 253 or 265 or OEHO 101, HNDS 163 or OEHO 225. Corequisite: DAS 111, 115, and 117.

DAS 115 Dental Radiology 3 cr. (2+3P)
Radiation physics, hygiene, and safety theories. Emphasis on the fundamentals of oral radiographic techniques and interpretation of radiographs. Includes exposure of intra-oral radiographs, quality assurance, radiographic interpretation, patient selection criteria, and other ancillary radiographic techniques. Prerequisites: ENGL 111, OECS 101 or 105 or C S 110, PSY 201G or SOC 101, COMM 253 or 265 or OEHO 101, HNDS 163 or OEHO 225. Corequisite: DAS 111, 115, and 117.

DAS 117 Dental Materials 3 cr. (2+3P)
Composition, chemical and physical properties, manipulation and uses of dental materials. Laboratory experiences include the application and manipulation of various materials used in dentistry. Prerequisites: ENGL 111, OECS 101 or 105 or C S 110, PSY 201G or SOC 101, COMM 253 or 265 or OEHO 101, HNDS 163 or OEHO 225. Corequisites: DAS 111, 113, and 117.

DAS 121 Dental Assisting II 4 cr. (2+6P)
Continuation of chair side assisting skill techniques with a major emphasis on four-handed dentistry performance procedures in the specialties of dentistry and expanded chair side functions. Prerequisites: DAS 111, 113, 115, and 117. Corequisites: DAS 123, 125, 127, and 129.

DAS 123 Dental Assisting Practicum 6 cr. (1+15P)
This course is the clinical component of the program that combines general practice and experiences in the work place. Seminar topics focus on the practice experiences and critique of performance. Prerequisites: DAS 111, 113, 115, and 117. Corequisites: DAS 121, 125, 127, and 129.

DAS 125 Professional Concepts 3 cr.
Emphasis on the development of professionalism for the dental office. Includes oral communication, psychology, patient relations, problem-solving skills, stress management, and employability in addition to dental jurisprudence and ethics. Prerequisites: DAS 111, 113, 115, and 117. Corequisites: DAS 121, 123, 127, and 129.

DAS 127 Dental Office Management 2 cr.
This capstone course is an introduction to business office procedures, including telephone management, appointment control, accounts payable, completion of third party reimbursement forms, inventory control data entry for charges and payments, management recall, basic dental computer software and operating basic business equipment. Prerequisites: DAS 111, 113, 115, and 117. Corequisites: DAS 121, 123, 127, and 129.

DAS 129 Preventive Dentistry 2 cr.

DAS 131 Dental Office Management I 3 cr.
Introduction to the field of dental office management with emphasis placed on professional verbal and written communication skills utilized within the dental office. Content includes dental terminology, charting, and back office experience as they relate to dental reception and management. Prerequisites: BOT 101, ENGL 111, OECS 105, or C S 101. Corequisites: DAS 133 and DAS 101.

DAS 133 Dental Office Management II 3 cr.
Places emphasis on computer programs specifically designed for dental office management (Dentrix, Sof Dent, etc.) Expanded course content on oral communication and telephone skills, appointment scheduling, patient relations, stress management solutions, and comprehensive critical thinking/problem solving skills. Prerequisites: BOT 101, ENGL 111, OECS 105, or C S 101. Corequisites: DAS 133 and DAS 101.

DAS 153 Special Topics 1–6 cr.
Specific subjects to be announced in the Schedule of Classes. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

DAS 156 Independent Study 1–6 cr.
Individual studies/research on topics related to dental assisting. Prerequisite: consent of instructor. May be repeated for a maximum of 8 credits.

DHYG — Dental Hygiene

NOTE: All DHYG courses are restricted to Dental Hygiene majors.

DHYG 110 Preclinical Dental Hygiene 3 cr.
Basic scientific principles and current theory, prevention of disease transmission, ethical and professional treatment of patients, clinical learning preparation, and introduction to comprehensive patient care. Offered concurrently with DHYG 112 to provide dental hygiene students with introductory knowledge, skills and attitudes to function in the clinical setting. Prerequisites: ENGL 111G, MATH 120 or OEHO 116, CHEM 210, OEHO 154, OEHO 225, OEHO 253. Corequisites: DHYG 112, 114, 116, 118.

DHYG 112 Preclinical Dental Hygiene Lab 3 cr. (9P)
Clinical application to basic theories and procedures used in dental hygiene practice. Techniques of instrumentation used in performing diagnostic, preventive and therapeutic services utilized when providing comprehensive patient care. Student will practice these techniques on manikins and student partners in the clinic. Prerequisites: ENGL 111G, MATH 120 or OEHO 116, CHEM 210, OEHO 154, OEHO 225, OEHO 253. Corequisites: DHYG 110, 114, 116, 118.

DHYG 114 Oral Histology and Embryology 2 cr.
Introduction and description of general histology and embryology with emphasis on the microscopic structures of enamel, dentin, pulp, cementum, periodontal ligament, bone, oral mucosa, epithelial attachment and development of orofacial structures. Prerequisites: ENGL 111G, MATH 120 or OEHO 116, CHEM 210, OEHO 154, OEHO 225, OEHO 253.

DHYG 116 Head, Neck, Dental Anatomy 4 cr. (3P)
Comprehensive study of the anatomy of the head and neck regions, including skeletal, nervous, circulatory, lymphatic, and muscular systems. A detailed study of nomenclature, morphologic characteristics, and physiologic relationships of human primary and permanent teeth as related to the clinical practice of dental hygiene. Laboratory activities develop observation and dexterity skills. Prerequisites: ENGL 111G, MATH 120 or OEHO 116, CHEM 210, OEHO 154, OEHO 225, OEHO 253.

DHYG 118 Dental Radiology 3 cr. (2+3P)
Study of radiographic techniques and interpretation of radiographs. Includes exposure of intra-oral radiographs, quality assurance, radiographic interpretation, patient selection criteria, and other ancillary radiographic techniques. Prerequisites: ENGL 111G, MATH 120 or OEHO 116, CHEM 210, OEHO 154, OEHO 225, OEHO 253.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites/Co-requisites</th>
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<tbody>
<tr>
<td>DHYG 210</td>
<td>Dental Hygiene Theory I</td>
<td>3 cr.</td>
<td>C or above in DHYG 110, 112, 114, 116, 118. Corequisites: DHYG 122, 124, 126.</td>
</tr>
<tr>
<td>DHYG 212</td>
<td>Clinical Dental Hygiene I</td>
<td>3 cr. (12P)</td>
<td>C or above in DHYG 110, 112, 114, 116, 118. Corequisites: DHYG 120, 122, 126.</td>
</tr>
<tr>
<td>DHYG 214</td>
<td>Dental Pharmacology</td>
<td>3 cr.</td>
<td>C or above in DHYG 132 and 134.</td>
</tr>
<tr>
<td>DHYG 216</td>
<td>Dental Public Health Education</td>
<td>3 cr.</td>
<td>C or above in DHYG 132 and 134.</td>
</tr>
<tr>
<td>DHYG 218</td>
<td>Pain and Anxiety Management</td>
<td>3 cr. (2+4P)</td>
<td>C or above in DHYG 132 and 134.</td>
</tr>
<tr>
<td>DHYG 220</td>
<td>Dental Hygiene Theory IV</td>
<td>3 cr.</td>
<td>C or above in DHYG 132 and 134.</td>
</tr>
<tr>
<td>DHYG 222</td>
<td>Clinical Dental Hygiene IV</td>
<td>4 cr. (16P)</td>
<td>C or above in DHYG 210, 212, 214, 216, and DHYG 218. Corequisites: DHYG 220, 222, 224, 226.</td>
</tr>
<tr>
<td>DHYG 255</td>
<td>Special Topics in Dental Hygiene</td>
<td>1–6 cr.</td>
<td>C or above in DHYG 132, 134, and SOC 101G (or equivalent).</td>
</tr>
<tr>
<td>DHYG 298</td>
<td>Independent Study in Dental Hygiene</td>
<td>1–9 cr.</td>
<td>Consent of instructor required.</td>
</tr>
<tr>
<td>DMS 110</td>
<td>Ultrasound Physics</td>
<td>3 cr. (2+2P)</td>
<td>C or above in DHYG 132 and 134.</td>
</tr>
</tbody>
</table>
DMS 112 Abdominal Sonography I

Includes anatomy, physiology, and pathology of the abdominal organ systems; scanning techniques, ultrasound appearance of normal structures, and changes seen with pathologic conditions. Corequisites: DMS 101, 113, 116.

4 cr. (3+2P)

DMS 113 GYN Sonography


3 cr. (2+2P)

DMS 114 OB Sonography

Includes review of human embryology, normal fetal anatomy, obstetrical scanning techniques, fetal biometry, fetal abnormalities, fetal Doppler, the role of ultrasound in genetic testing and chromosome abnormalities, fetal echocardiography, and congenital heart abnormalities. Corequisite: DMS 126.

4 cr. (3+2P)

DMS 115 Abdominal Sonography II

Includes anatomy, physiology, and pathology of superficial structures, including female breast, thyroid, and neck structures, male pelvis, and musculoskeletal system; scanning techniques, ultrasound appearance of normal structures, and changes seen with pathologic conditions; abdominal Doppler principles of applications and organ transplant sonography. Prerequisite: DMS 112.

3 cr.

DMS 116 Introduction to Vascular Technology

Basic ultrasound physics and principles, peripheral vascular anatomy, hemodynamics, Doppler evaluation, peripheral vascular scanning techniques, physiologic testing and the more common pathologies of the common arterial territories, and the peripheral vascular system. Corequisites: DMS 101, 112, 113.

3 cr. (2+2P)

DMS 117 Vascular and Advanced Sonography

Expansion of vascular applications, hemodynamics and pathology of the peripheral and extracranial vascular systems and renal transplants. This course will also explore musculoskeletal and breast sonography. Corequisite: DMS 122.

2 cr. (1+2P)

DMS 118 Neurosonography

Covers anatomy of brain and spinal cord; scanning techniques and the appearance of normal structures; pathologies of the central nervous system, and intraoperative ultrasound. Corequisite: DMS 120.

2 cr.

DMS 120 Clinical Internship I

Provides the practical, hands-on experience required for both the national registry exam and for quality patient care. Students will spend 32 hours per week at their assigned clinical site performing ultrasound exams under the supervision of the clinical staff. Students return to campus periodically to participate in advanced seminars. Six-week course Corequisite: DMS 118.

4 cr. (32P)

DMS 122 Clinical Internship II

Provides the practical, hands-on experience required for both the national registry exam and for quality patient care. Students will spend 32 hours per week at their assigned clinical site performing ultrasound exams under the supervision of the clinical staff. Students return to campus periodically to participate in advanced seminars. Six-week course. Prerequisite: DMS 120 or consent of instructor.

4 cr. (32P)

DMS 124 Clinical Internship III

Provides the practical, hands-on experience required for both the national registry exam and for quality patient care. Students will spend 32 hours per week at their assigned clinical site performing ultrasound exams under the supervision of the clinical staff. Students return to campus periodically to participate in advanced seminars. Prerequisite: DMS 122 or consent of Instructor. Corequisites: DMS 110, 115.

9 cr. (32P)

DMS 126 Clinical Internship IV

Provides the practical, hands-on experience required both for national certification and for quality patient care. Students will spend 32 hours per week at their assigned clinical site performing ultrasound exams under the supervision of the clinical staff. Students will learn more difficult exams and will work on case reports and course review materials. Prerequisite: DMS 124 or consent of instructor.

9 cr. (32P)

DMS 155 Special Topics

Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits. Consent of instructor required.

1–6 cr.

DMS 200 Independent Study

Individual study/research on topics related to diagnostic medical sonography. Consent of instructor required.

1–6 cr.

DRFT—Drafting and Design Technologies

DRFT 101 Introduction to Drafting and Design Technologies

2 cr.

Introduction to Drafting and Design Technologies. Professional organizations associated with the program, degree requirements, employment skills and work habits, and university and college policies and procedures. Will set up university accounts and be introduced to the university’s online interface. Completion of career-readiness certificate.

DRFT 105 Technical Drawing for Industry

3 cr. (2+2P)

Technical sketching, basic CAD, and interpretation of drawings with visualisation, speed and accuracy highly emphasized. Areas of focus include various trades such as machine parts, welding, heating and cooling, and general building sketches/plan interpretation.

DRFT 108 Drafting Concepts/Descriptive Geometry

2 cr. (1+2P)

Basic manual drafting skills, sketching, terminology and visualization. Graphical solutions utilizing applied concepts of space, planar, linear and point analyses. Metric and S.I. units introduced.

DRFT 109 Computer Drafting Fundamentals

3 cr. (2+2P)

Introduction to computer-aided drafting. Principles and fundamentals of drafting using the latest version of AutoCAD software. Same as C E 109, E T 109, SUR 109.

DRFT 110 Introduction to Drafting

6 cr. (4+4P)

Fundamentals of manual and computer-aided drafting.

DRFT 112 Drafting Concepts/Computer Drafting Fundamentals I

4 cr. (2+4P)

Basic drafting skills, terminology, and visualization. Introduction to principles and fundamentals of computer-aided drafting. Prerequisites: OECS 207, OECS 125 or consent of instructor. Same as E T 106.

DRFT 113 Drafting Concepts/Computer Drafting Fundamentals II

4 cr. (2+4P)

Drafting for mechanical/industrial applications; machine part detailing, assemblies in orthographic, isometric, auxiliary, oblique, and sectional views. Two-dimensional AutoCAD with introduction to 3D AutoCAD. Prerequisite: DRFT 112. Same as E T 216.

DRFT 114 Introduction to Mechanical Drafting/Solid Modeling

3 cr. (2+2P)

Students will learn 3D visualization, mechanical drafting, and dimensioning skills as solid modeling skills are developed. Working drawings, assembly models, and assembly drawings will be introduced. May be repeated for a maximum of 6 credits. Corequisite: DRFT 108.

DRFT 115 General Construction Safety

3 cr. (2+2P)

Overview of general construction safety related to building construction, highway and road construction, and surveying field work.

DRFT 118 Geometry for Drafting

3 cr.

Analysis and problem solving of related technical problems using measuring instruments and techniques with geometry and trigonometry. Prerequisite: CCDM 103N or CCDM 104N.

DRFT 123 Introduction to Civil/Architectural Technology

4 cr. (2+4P)

Introduction to beginning civil/architecture drafting and its applications. Drawings, projects and terminologies are related to both fields of civil engineering and architectural technology.

DRFT 130 General Building Codes

3 cr. (2+2P)

Interpretation of the Building Code, local zoning codes, A.D.A. Standards and the Model Energy Code to study construction and design requirements and perform basic plan checking.

DRFT 135 Electronics Drafting

3 cr. (2+2P)

Drafting as it relates to device symbols; wiring, cabling, harness diagrams and assembly drawings; integrated circuits and printed circuit boards; schematic, flow and logic diagrams; industrial controls and electric power fields. Drawings produced using various CAD software packages. Prerequisites: DRFT 108 and DRFT 109.

DRFT 143 Civil Drafting Fundamentals

3 cr. (2+2P)

Introduction to drafting in the field of surveying and civil engineering. Drawings, projects, and terminologies related to topographic surveys/mapping, contour drawings, plan and profiles, improvement plans and street/highway layout. Prerequisite: DRFT 109. Same as E T 143 and SUR 143.

DRFT 151 Construction Principles and Print Reading

3 cr. (2+2P)

Introduction to construction materials, methods, and basic cost estimating and print reading applicable in today’s residential, commercial, and public works industry. Instruction by print reading and interpretation, field trips, and actual job-site visits and progress evaluation.
DRFT 153 Survey Drafting Applications 3 cr. (2+2P) Emphasis on drafting in the field of surveying engineering. Included are drawings, projects, terminologies related to land/boundary, topographic, improvement plat surveys and legal descriptions; data production and retrieval using CADD applications; and researching and submittal process methods of survey documents with municipal and county agencies. Same as SUR 143. Prerequisites: DRFT 109.


DRFT 160 Construction Take-Offs and Estimating 3 cr. (2+2P) Computing and compiling materials and labor estimates from working drawings using various techniques common in general building construction and in accordance with standard specifications and estimating formats. Use of spreadsheets and estimating software introduced. Prerequisite: DRFT 151.

DRFT 164 Intermediate Mechanical Drafting/Solid Modeling 3 cr. (2+2P) Students will learn advanced solid modeling techniques. Use of different file types and compatibility issues between different software packages will be studied. Drawing organization and presentation methods will be practiced. Projects requiring precision field measurements and sketches, as well as teamwork, will be assigned. Geometric Dimensioning and Tolerancing will be introduced. May be repeated for a maximum of 6 credits. Prerequisite: DRFT 114.

DRFT 173 Civil Drafting Applications 3 cr. (2+2P) Emphasis on drafting in the field of civil engineering. Includes drawings, projects and terminologies related to construction plan set setup, contour drawing, profiles, street and highway layout according to municipal and county agency standards. Same as ET 143. Prerequisite: DRFT 109.

DRFT 176 Computer Drafting in 3D 3 cr. (2+2P) Computer drafting in three dimensions including wire frame, surface modeling, and solids modeling. Computer generated rendering with surface material applications and ray traced shadows will be introduced. Prerequisites: DRFT 108 and DRFT 109.

DRFT 177 Computer Rendering and Animation I 3 cr. (2+2P) Introduction to technical applications of computer generated renderings and animations for the architecture and engineering fields. 3D models, photo-realistic renderings, and basic animation movie files will be produced utilizing Autodesk VIZ and Google SketchUp software. May be repeated for a maximum of 6 credits. Prerequisite: DRFT 109.

DRFT 180 Residential Drafting 3 cr. (2+2P) Basic residential drafting including, floor plans, foundation plans, sections, roof plans, exterior and interior elevations, and site plans. Applicable residential building and zoning codes, construction methods and materials, adaptable residential design, and drafting and sheet layout for architectural drafting will be introduced.

DRFT 181 Commercial Drafting 3 cr. (2+2P) Drafting principles, plan coordination, and code analysis applicable in the development of working drawings for commercial, public, and industrial building projects. Students will utilize National Cad Standards, ADA Standards, and will be introduced to modern office practice. Prerequisite: DRFT 109. Pre/Corequisite: DRFT 180.

DRFT 190 Finding and Maintaining Employment 2 cr. Techniques in self-evaluations, resume writing, application completion, job interviewing, and job retention. Exposure to work ethics, employee attitudes, and employer expectations.

DRFT 204 GIS Spatial Data Processing 3 cr. (2+2P) The study of more advanced techniques of GIS and related data collecting and mapping, Focus on spatial data processing, and alternative GIS software. Prerequisite: DRFT 154.

DRFT 214 Advanced Mechanical Drafting/Solid Modeling 3 cr. (2+2P) Advanced mechanical drafting/solid modeling techniques and topics will be studied using the student’s software(s) of choice. Students will use any of the 3D solid modeling software packages that are available on campus as they develop these skills, as well as develop a thorough working knowledge of the use of GD&T in Mechanical Drafting/Solid Modeling. Detailed class projects will be assigned, and presentations will be required. May be repeated for a maximum of 6 credits. Prerequisite: DRFT 114 or DRFT 176.

DRFT 218 Mathematics for Civil/Surveying 3 cr. Practical problem solving in areas related to civil and surveying fields, including earthwork calculation, heavy construction material take-offs, and surveying data interpretation. Prerequisite: DRFT 118.

DRFT 222 Surveying Fundamentals 3 cr. (2+2P) Elementary surveying and civil drafting theory and techniques for non-engineering majors. Includes traverse plotting, site plans, mapping, cross sections, and development of plan and profile drawings. Actual basic field measurement/surveying as well as extensive manual and CAD projects will be assigned. Prerequisites: DRFT 108, 109, and 118 or MATH 175.

DRFT 230 Building Systems Drafting 3 cr. (2+2P) Development of drawings for electrical, plumbing, and HVAC systems, for residential and commercial building. Use of related CAD software. Prerequisite: DRFT 108.

DRFT 235 Electronics Drafting II 3 cr. (2+2P) Continuation of DRFT 135. Expansion techniques in electronic drafting as it applies to schematic capture, logic diagrams, electronic equipment racks, and printed circuit board documentation. Basic logic simulation, 3D electronic assemblies and artwork generation for PCB fabrication using various software packages. Prerequisite: DRFT 135.

DRFT 240 Structural Systems Drafting 3 cr. (2+2P) Study of foundations, wall systems, floor systems and roof systems in residential, commercial and industrial design/construction. Produce structural drawings including foundation plans, wall and building sections, floor and roof framing plans, shop drawings and details; schedules, materials lists and specifications. Use of various software. Prerequisite: DRFT 180 or 181.

DRFT 242 Roadway Development Drafting 3 cr. (2+2P) Advanced civil/survey technology and drafting related to roadway development. Emphasis is on relevant terminology, codes/standards, and the production of complex working drawings such as subdivision plats, local utility and drainage plans, construction details roadway P P, etc., according to agency standards. Prerequisites: DRFT 143 and 173.

DRFT 243 Land Development Drafting 3 cr. (2+2P) Advanced civil/survey technology and drafting related to land development. Emphasis is on relevant terminology codes/standards, and the production of complex working drawings such as subdivision plats, local utility and drainage plans, construction details roadway P P, etc., according to local development/agency standards. Prerequisite: DRFT 143 and 153.

DRFT 250 Principles of Detailing and Design 3 cr. (2+2P) Advanced practice in construction documentation in the development and coordination of working drawings & specifications. In particular, will utilize Architectural Graphic Standards, National Cad Standards, and other standards to develop detail drawings related to Architectural, Civil, Structural, and Building Mechanical systems. Will also be introduced to basic principles, factors, and process of building design such as space planning, site analysis, and basic architectural programming. Prerequisite: DRFT 180 or 181.


DRFT 254 GIS Theory and Analysis 3 cr. (2+2P) Continuation of GIS concepts, techniques, and applications with an emphasis on spatial analysis using real-world sources for project completion; GIS theory studied in-depth. Pre/Corequisite: DRFT 204.

DRFT 255 Independent Study 1–3 cr. Instructor-approved projects in drafting or related topics specific to the student’s individual areas of interest and relevant to the drafting and graphics technology curriculum. Consent of instructor required. May be repeated for a maximum of 6 credits.

DRFT 270 Architectural Sketching and Rendering 3 cr. (2+2P) Use of free-hand sketching, shading and shadowing techniques, 3D models, and 1-point and 2-point perspectives in the development of architectural presentation drawings. Prerequisite: DRFT 108.

DRFT 276 Computer Rendering and Animation I 3 cr. (2+2P) Introduction to technical applications of computer generated renderings and animations for the architecture and engineering fields. 3D models, photo-realistic renderings, and basic animation movie files will be produced utilizing industry standard modeling and animation software.
ECED—Early Childhood Education

ECED 115 Child Growth, Development, and Learning 3 cr.
Biological-physical, social, cultural, emotional, cognitive, and language domains of child growth and development. The process of development and the adult's role in supporting each child's growth, development, and learning.

ECED 125 Health, Safety, and Nutrition 2 cr.
Sound health, safety, and nutritional practices to provide an emotionally and physically safe environment for young children in partnership with their families.

ECED 135 Family and Community Collaboration 3 cr.
Development of open, friendly, and collaborative relationships with each child's family, encouraging family involvement, and supporting the child's relationship with his or her family. The diverse cultures and languages representative of families in New Mexico's communities are honored. Prerequisites: ECED 115 and ENGL 111G.

ECED 215 Curriculum Development and Implementation I 3 cr.
Development of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to, the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G, and consent of instructor or two letters of recommendation from program faculty. Corequisite: ECED 220. Restricted to majors.

ECED 220 Early Childhood Education Practicum I 2 cr.
Application of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to, the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G, and consent of instructor or two letters of recommendation from program faculty. Corequisite: ECED 220. Restricted to majors.

ECED 225 Curriculum Development and Implementation II 3 cr.
Advanced development of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to, the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G and consent of instructor or two letters of recommendation from program faculty. Corequisite: ECED 230. Restricted to majors.

ECED 230 Early Childhood Education Practicum II 2 cr.
Advanced application of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to, the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G, and consent of instructor or two letters of recommendation from program faculty. Corequisite: ECED 225. Restricted to majors.

ECED 235 Introduction to Reading and Literacy Development 3 cr.
Selection of developmentally appropriate materials and instructional methods for the development of reading and literacy in young children. Prerequisites: ECED 115 and ENGL 111G.

ECED 245 Early Childhood Education Professionalism 2 cr.
Development of integrity, responsibility, and ethical practices that demonstrate multicultural respect for all children and families.

ECED 250 Independent Study 1–3 cr.
Independent study for Diverse Learners and Their Families 3 cr.
Implementation of family-centered programming that includes developmentally appropriate and culturally responsive curriculum. The course will also cover the establishment and maintenance of healthy and safe learning environments. Consent of instructor required.

ECED 270 Program Management 3 cr.
Technical knowledge necessary to develop and maintain a quality early care and education program. The course will focus on sound financial management and vision, laws and legal issues that affect programs and state and national standards including accreditation requirements. Prerequisite: consent of instructor.

ECED 275 Effective Program Development for Diverse Learners and Their Families 3 cr.
Implementation of family-centered programming that includes developmentally appropriate and culturally responsive curriculum. The course will also cover the establishment and maintenance of healthy and safe learning environments. Consent of instructor required.

ECED 276 Effective Program Development for Diverse Learners and Their Families Practicum 2 cr.
Practical experience in observing and carrying out the role of the director/administrator in the implementation of family-centered programming that includes individually appropriate and culturally responsive curriculum in a healthy and safe learning environment. Consent of instructor required. Corequisite: ECED 275. Restricted to ECED majors.

ECED 280 Professional Relationships 3 cr.
Development of staff relationships that will foster strong professional relationships with and among families, communities and advisory boards. Issues of staff recruitment, retention, support and supervision will lay a foundation for positive personnel management. Working effectively with board, advisory groups and community members and agencies will be addressed. Consent of instructor required. Corequisite: ECED 281.

ECED 281 Professional Relationships Practicum 2 cr.
Practical experience in the development of staff relationship that will foster professional relationships with families, communities and boards. Issues of staff recruitment, retention, support and supervision will lay a foundation for positive personnel management. Consent of instructor required. Corequisite: ECED 280. Restricted to ECED majors.

ECON—Economics

ECON 201G Introduction to Economics 3 cr.
Economic institutions and current issues with special emphasis on the American economy.

ECON 251G Principles of Macroeconomics 3 cr.
Macroeconomic theory and public policy; national income concepts, unemployment, inflation, economic growth, and international payment problems.

ECON 252G Principles of Microeconomics 3 cr.
Microeconomic theory and public policy; supply and demand, theory of the firm, market allocation of resources, income distribution, competition and monopoly, governmental regulation of businesses and unions.
EDUC—Education

EDUC 103 Internship in Bilingual Education/ESL 1–4 cr.
Supervised experience in bilingual education/ESL elementary or secondary classroom settings for prospective bilingual education/ESL teachers.

EDUC 150 Math for Paraprofessionals 3 cr.
Applied math skills for paraprofessionals working with children. Prerequisite: CCDM 103.

EDUC 151 Math for Paraprofessionals II 3 cr.
Applied math skills for paraprofessionals working under the direction of a teacher. Prerequisite: EDUC 150.

EDUC 181 Field Experience I 1 cr.
Introduction to public school teaching, school visits, classroom observations and discussion seminar.

EDUC 204 Foundations of Bilingual/ESL Education 3 cr.
Explore and review the historical, legal, philosophical, theoretical and pedagogical paradigms of bilingual/ESL education.

ELT—Electronics Technology (formerly OEES)

ELT 105 Basic Electricity and Electronics 3 cr. (2+2P)
Fundamentals of electricity and electronics, basic circuit devices, meters, transistors, integrated circuits and other solid state devices, computers, fiber optics, and industrial application topics. Prerequisite: either CCDM 103N or CCDM 104N or consent of instructor.

ELT 110 Electronics I 4 cr. (3+3P)
Fundamentals of electronics including: components, schematics, Ohm’s law, Thevenin’s and Norton’s theorems, and series/parallel circuits incorporating passive, active and magnetic elements. Introduction to AC circuits. Corequisite: ELT 120.

ELT 120 Mathematics for Electronics 4 cr.
Includes fundamental mathematics, algebra, sine, cosine, and other elementary functions as they specifically apply to the operation, manipulation, and evaluation of direct current (DC) and alternating current (AC) circuits. Prerequisite: CCDM 114N or consent of instructor.

ELT 135 Electronics II 4 cr. (3+3P)
Analysis of AC circuits, filters, and resonance. Introduction to solid state fundamentals including diodes and rectifier circuits, voltage regulators, various transistors and transistor characteristics, amplification and amplifiers, photoelectric effects, gates and timing circuits. Prerequisite: ELT 110 and 120.

ELT 155 Electronics CAD and PCB Design 2 cr. (2+2P)
Introduction to and the use of commercially available CAD software covering schematic representation of electronic components and circuits. Printed circuit board layout techniques including proper schematic capture, netlist generation, design rule checking and manual routing covered.

ELT 160 Digital Electronics I 4 cr. (3+3P)
Number systems, codes, Boolean algebra, logic gates, Karnaugh maps, combination circuits, flip-flops, and digital troubleshooting techniques. Prerequisite: ELT 110 or consent of instructor.

ELT 175 Soldering Practices 2 cr. (4P)
Methods and techniques of hand soldering in the production of high quality and reliable soldering connections.

ELT 205 Semiconductor Devices 4 cr. (3+3P)
Analysis and troubleshooting of linear electronic circuits including amplifiers, op-amps, power supplies, and oscillators. Prerequisites: ELT 110 and ELT 135 or Consent of instructor.

ELT 215 Microprocessor Applications I 4 cr. (2+2P)
Fundamentals of microprocessor architecture and assembly language with an emphasis on hardware interfacing applications. Corequisite: ELT 235.

ELT 219 Television Theory 3 cr. (2+3P)
Origin and development of color television, video-audio characteristics, digital television, VITS and VRS channels, broadcast antennas, and transmission lines.

ELT 210 Electronics Laboratory III 2 cr. (4P)
Circuit breadboards, circuit parameter measurements; emphasis on troubleshooting, fault analysis.

ELT 220 Electronic Communication Systems 4 cr. (3+2P)
Principles and applications of circuits and devices used in the transmission, reception, and processing of RF, microwave, digital and telecommunications systems. Prerequisite: consent of instructor. Corequisite: ELT 205.

ELT 221 Cooperative Experience I 1–6 cr.
Supervised cooperative work program. Student is employed in an approved occupation and supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisite: consent of instructor.

ELT 222 Cooperative Experience II 1–6 cr.
Continuation of ELT 221. Maximum of 6 credits. Graded S/U. Prerequisite: consent of instructor.

ELT 225 Computer Applications for Technicians 3 cr. (2+2P)
An overview of computer hardware, software applications, operating systems, high level programming languages and networking systems.

ELT 230 Microprocessor Applications II 4 cr. (2+2P)
Advanced microprocessor interfacing techniques. Topics in A/D and D/A conversion, I/O port address decoding, direct memory accessing, and peripheral device interfacing applications. Prerequisite: ELT 215.

ELT 235 Digital Electronics II 3 cr. (2+3P)
Sequential logic circuits, latches, counters, shift-registers, fault analysis and troubleshooting of digital ICs, multiplexers, timers, encoders/decoders, arithmetic circuits, pulse shaping, and memory devices. Prerequisite: ELT 160.

ELT 240 Introduction to Photonics 4 cr. (3+2P)
Nature of light, light emitters, lasers, detectors, fiber optics communications systems, and other applications of light to electronics. Prerequisite: ELT 135 or consent of instructor.

ELT 250 Electronics Systems Analysis 2 cr. (1+3P)
Capstone course emphasizing a systems approach to troubleshooting and maintaining complex electronics systems. Includes program review in preparation for technician certification. Prerequisite: consent of instructor.

ELT 255 Special Problems in Electronics 1–6 cr.
Individual studies in areas directly related to electronics. Prerequisites: ELT 110 and consent of instructor. May be repeated for a maximum of 6 credits.

ELT 260 Instrumentation Control and Signal Conditioning 4 cr. (3+2P)
Introduction to sensors and transducers, signal conditioning and transmission for measuring and process control systems. Includes AD, DA converter, small servos and actuators. Prerequisite: ELT 205.

ELT 265 Special Topics 1–6 cr.
Topic to be announced in the Schedule of Classes.

ELT 270 Biomedical Equipment Instrumentation 4 cr. (2+2P)
Principles and applications of electronic circuits and devices used in biomedical equipment. Skills taught include evaluating, troubleshooting and repairing various types of medical equipment. Prerequisites: ELT 205 and ELT 260, or consent of instructor.

ELT 295 Professional Development/Leadership 1 cr.
As members and/or officers of student professional organizations, electronics technology students gain experience in leadership, team building, and community services. May be repeated for a maximum of 6 credit. Restricted to ELT and ET E majors.

EMD—Educational Management and Development

EMD 101 Freshman Orientation 1 cr.
Introduction to the university and to the College of Education. Discussion of and planning for individualized education program and field experience. Graded S/U.

EMD 250 Introduction to Education 2 cr.
An overview of the American education system with emphasis on organization, governance, law, demographics, and professional practice.

ENGL—English

ENGL 111G Rhetoric and Composition 4 cr.
Skills and methods used in writing university-level essays. Prerequisite: ACT standard score in English of 16 or higher during regular semester (20 or above during summer) or successful completion of a developmental writing course or the equivalent.

ENGL 112 Rhetoric and Composition II 2 cr.
A continuation of English 111G for those desiring more work in composition. Weekly themes based on outside reading. Prerequisite: successful completion of ENGL 111G or the equivalent.

ENGL 116G Perspectives on Film 3 cr. (3+3P)
Explores narrative and documentary film and examines significant developments in the history of cinema. Criticism of film as an art form, technical enterprise, business venture, and cultural phenomenon.
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 203G</td>
<td>Business and Professional Communication</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>Effective writing for courses and careers in business, law, government, and other professions. Strategies for researching and writing correspondence and reports, with an emphasis on understanding and responding to a variety of communication tasks with a strong purpose, clear organization, and vigorous professional style.</td>
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<tr>
<td>ENGL 211G</td>
<td>Writing in the Humanities and Social Sciences</td>
<td>3 cr.</td>
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<td></td>
<td>Theory and practice in interpreting texts from various disciplines in the humanities and social sciences. Strategies for researching, evaluating, constructing, and writing researched arguments. Course subtitled in the Schedule of Classes.</td>
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<tr>
<td>ENGL 218G</td>
<td>Technical and Scientific Communication</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>Effective writing for courses and careers in sciences, engineering, and agriculture. Strategies for understanding and presenting technical information for various purposes to various audiences.</td>
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<tr>
<td>ENGL 232</td>
<td>Script Development and Storyboarding</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>Examines effective writing principles for creating storyboards that communicate the overall picture of a project, timing, scene complexity, emotion and resource requirements. Crosslisted with: CML 232.</td>
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<tr>
<td>ENGL 235</td>
<td>Narrative: Principles of Story Across the Media</td>
<td>3 cr.</td>
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<td></td>
<td>Examines the various strategies of narrative structure and its principal components (plot, theme, character, imagery, symbolism, point of view) with an attempt to connect them to elements of contemporary forms of media expression.</td>
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<tr>
<td>ENGL 244G</td>
<td>Literature and Culture</td>
<td>3 cr.</td>
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<td></td>
<td>Intensive reading of and discussion and writing about selected masterpieces of world literature. Emphasizes cultural and historical contexts of readings to help students appreciate literary traditions. Core texts include works by Homer, Dante, and Shakespeare, a classic novel, an important non-Western work, and modern literature.</td>
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<tr>
<td>FIN</td>
<td>Finance</td>
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<tr>
<td>FIN 206</td>
<td>Introduction to Finance</td>
<td>3 cr.</td>
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<td>Theory and techniques of financial management for business firms. Includes application of financial analysis tools and techniques needed for business financial administration and decision making. Prerequisites: either ACCT 202 and ECON 251, or ECON 252 and MATH 115, or consent of instructor.</td>
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<tr>
<td>FIRE</td>
<td>See “OEFS”</td>
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<tr>
<td>GEOG</td>
<td>Geography</td>
<td></td>
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<tr>
<td>GEOG 111G</td>
<td>Geography of the Natural Environment</td>
<td>4 cr. (3+3P)</td>
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<td></td>
<td>Introduction to the physical processes that shape the human environment: climate and weather, vegetation dynamics and distribution, soil development and classification, and geomorphic processes and landform development.</td>
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<tr>
<td>GEOG 120G</td>
<td>Culture and Environment</td>
<td>3 cr.</td>
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<td></td>
<td>Study of human-environmental relationships: how the earth works and how cultures impact or conserve nature. Introduction to relationships between people and natural resources, ecosystems, global climate change, pollution, and conservation.</td>
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<tr>
<td>GEOL</td>
<td>Geology</td>
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<tr>
<td>GEOL 111G</td>
<td>Survey of Geology</td>
<td>4 cr. (3+3P)</td>
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<tr>
<td></td>
<td>Covers the fundamental principles of physical geology, including the origin of minerals and rocks, geologic time, rock deformation, and plate tectonics.</td>
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<tr>
<td>GOVT</td>
<td>Government</td>
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<tr>
<td>GOVT 100G</td>
<td>American National Government</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>U.S. constitutional system; legislative, executive, and judicial processes; popular and group influence</td>
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<tr>
<td>GOVT 110G</td>
<td>Introduction to Political Science</td>
<td>3 cr.</td>
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<td></td>
<td>This course covers fundamental concepts such as justice, sovereignty and power; political theories and ideologies; and government systems that range from democratic to authoritarian.</td>
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<tr>
<td>HIST</td>
<td>History</td>
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<tr>
<td>HIST 101G</td>
<td>Roots of Modern Europe</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>Economic, social, political, and cultural development from earliest times to about 1700.</td>
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<tr>
<td>HIST 102G</td>
<td>Modern Europe</td>
<td>3 cr.</td>
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<td></td>
<td>Economic, social, political, and cultural development from 1700 to the present.</td>
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<tr>
<td>HIST 201G</td>
<td>Introduction to Early American History</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>History of the United States to 1877, with varying emphasis on social, political, economic, diplomatic, and cultural development.</td>
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<tr>
<td>HIST 202G</td>
<td>Introduction to Recent American History</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>History of the United States since 1877, with varying emphasis on social, political, economic, diplomatic, and cultural development.</td>
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<tr>
<td>HIST 261</td>
<td>New Mexico History</td>
<td>3 cr.</td>
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<td></td>
<td>Economic, political, and social development of New Mexico from exploration to modern times.</td>
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<tr>
<td>HIST 269</td>
<td>Special Topics</td>
<td>1–3 cr.</td>
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<tr>
<td></td>
<td>Special topics as announced in the Schedule of Classes.</td>
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</tbody>
</table>

**HIT—Health Information Technology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HIT 120</td>
<td>Health Information Introduction to Pharmacology</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>Introduction to the principles of pharmacology, including drug terminology: drug origins, forms, and actions; routes of administration; as well as the use of generic name drugs, trade name drugs and categories of drugs to treat multiple and specific body systems.</td>
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<tr>
<td>HIT 140</td>
<td>Health Information Introduction to Pathophysiology</td>
<td>3 cr.</td>
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<td></td>
<td>Introduction to the nature of disease and its effect on body systems. Disease processes affecting the human body via an integrated approach to specific disease entities will be presented including a review of normal functions of the appropriate body systems. Diseases will be studied in relation to their etiology, pathology, physical signs and symptoms, diagnostic procedures, complications, treatment modalities and prognosis.</td>
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<tr>
<td>HIT 150</td>
<td>Introduction to Medical Terminology</td>
<td>3 cr.</td>
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<td></td>
<td>The study and understanding of medical terminology as it relates to diseases, their causes and effects, and the terminology used in various medical specialties. Emphasis will be placed on learning the basic elements of medical words, appropriate spelling and use of medical terms, and use of medical abbreviations.</td>
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<tr>
<td>HIT 158</td>
<td>Advanced Medical Terminology</td>
<td>3 cr.</td>
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<td></td>
<td>Builds upon the concepts covered in Introduction to Medical Terminology providing greater understanding of how to properly use and apply medical terminology used in various health fields. Emphasis will be on terminology used in medical records and procedures, medical billing and coding, and medical transcription. Terminology associated with the 11 body system's anatomy and physiology, pathology, diagnostic and therapeutic procedures, pharmacology, and abbreviations will also be introduced. Prerequisite: HIT 150.</td>
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<tr>
<td>HIT 208</td>
<td>Medical Office Procedures</td>
<td>3 cr. (2+2P)</td>
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<td>Current administrative medical office procedures - both computerized and traditional - will be introduced. Practical advice on managing required record keeping in the medical office environment will be emphasized. Prerequisites: HIT 158 and (BOT 109 or ENGL 218G).</td>
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<tr>
<td>HIT 221</td>
<td>Cooperative Experience I</td>
<td>1–3 cr.</td>
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<td></td>
<td>Student is employed in an approved work site and is supervised and rated by the employer and instructor. Each requires a specified number of hours of on-the-job work experience. Restricted to HIT and BOT majors. Graded S/U.</td>
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<tr>
<td>HIT 222</td>
<td>Cooperative Experience II</td>
<td>1–3 cr.</td>
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<tr>
<td></td>
<td>Continuation of HIT 221. Restricted to HIT and BOT majors. Graded S/U.</td>
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<tr>
<td>HIT 228</td>
<td>Medical Insurance Billing</td>
<td>3 cr. (2+2P)</td>
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<td>Comprehensive overview of the insurance specialist's roll and responsibilities. Concepts and applications that will assist the student in understanding the steps necessary for successfully completing the insurance claim filing and reimbursement processes for various insurance carriers, both private and government, will be emphasized. Prerequisite: HIT 208.</td>
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<tr>
<td>HIT 240</td>
<td>Health Information Quality Management</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>Introduction to basic concepts of quality improvement and performance improvement as they apply to health record systems and the health care industry. Quality assessment and improvement standards and requirements of licensing, accrediting fiscal and other regulatory agencies will be presented.</td>
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<tr>
<td>HIT 248</td>
<td>Medical Coding I</td>
<td>3 cr. (2+2P)</td>
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<td>Comprehensive overview of the fundamentals, coding conventions, and principles of selecting the most appropriate ICD-9-CM and future ICD-10-CM diagnostic and procedure codes. The most recent version of ICD-9-CM and an in depth study of the current Official Coding Guidelines for coding and reporting will be emphasized. Prerequisite: HIT 228.</td>
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</tbody>
</table>
HOST 203  Hospitality Operations Cost Control 3 cr.
Continuation of Medical Coding I. Comprehensive overview of the coding and reporting guidelines, fundamentals, coding conventions, and principles of selecting the most appropriate CPT and HCPCS procedural codes for all medical specialties. The most recent version of CPT and a continued study of the ICD-9-CM coding conventions and principles will be emphasized. Designed as a medical coding capstone course. Prerequisite: HIT 248.

HIT 268  Health Information Systems 3 cr.
Overview of health data management, work planning, and organization principles; an introduction to health care information systems; and review the fundamentals of information systems for managerial, clinical support, and information systems. Prerequisites: HIT 208 and C S 110 or OECS 105.

HL S—Health Science

HL S 100  Introduction to Health Science 1 cr.
An overview of professional career opportunities in the realm of health science as well as the functional roles of practice, education, administration, and research. Some field trips will be required.

HL S 150G  Personal Health and Wellness 3 cr.
A holistic and multi-disciplinary approach towards promoting positive lifestyles. Special emphasis is placed on major problems that have greatest significance to personal and community health. Topics to include nutrition, stress management, fitness, aging, sexuality, drug education, and others.

HL S 275  Foundations of Health Education 3 cr.
Role and responsibility of the health educator with emphasis on small group dynamics, oral and written communication skills, building community coalitions and an introduction to grant writing. Taught with HL S 375. Cannot receive credit for both HL S 275 and HL S 375. Prerequisite: HL S 100 or HL S 150G or consent of instructor.

HL S 295  Foundations of Public Health, Epidemiology, and Biostatistics 3 cr.
Principles and major areas of public health, including ecological and total-person concept of health care systems; epidemiological approaches to disease prevention and control; using basic analytical and epidemiological statistics. Taught with HL S 395. May not receive credit for both HL S 295 and HL S 395.

HNDS—Human Nutrition and Food Science

HNDS 163 Nutrition for Health 3 cr.
Nutrition principles and applications to food choices that support health; psychological, economic, and cultural implications of food choices. Open to majors and nonmajors.

HOST—Hospitality and Tourism

HOST 155  Special Topics 1–3 cr.
Specific subjects to be announced in the Schedule of Classes.

HOST 201  Introduction to Hospitality Industry 3 cr.
Overview of hospitality industry; organization and operation of lodging, food and beverage, and travel and tourism segments; focus on career opportunities and future trends of hospitality industry.

HOST 202  Front Office Operations 3 cr.
Hotel/motel front office procedures detailing flow of business, beginning with reservations and extending to the night audit process.

HOST 203  Hospitality Operations Cost Control 3 cr.
Management of Food & Beverage facilities using cost control techniques. Functional training in menu analysis and development with all phases of product flow through a Food & Beverage organization explored.

HOST 204  Promotion of Hospitality Services 3 cr.
Organization of hotel marketing functions; developing a marketing plan to sell the varied services of the hotel/motel property.

HOST 205  Housekeeping, Maintenance, and Security 3 cr.
Function of housekeeping departments, including personnel, sanitation, maintenance, and materials. A survey of security procedures to include guest protection and internal security of hotel/motel assets.

HOST 206  Travel and Tourism Operations 3 cr.
Transportation, wholesale and retail operations, attractions, the traveler, tourism development, and operational characteristics of tourism business.

HOST 207  Customer Service for the Hospitality Industry 3 cr.
Concepts of service and the customer, integrating the need for service quality, and the continuing efforts to maximize returns for the operation. Classic service styles as well as more modern service techniques are covered. Students gain in-depth managerial knowledge, planning skills, and hands-on techniques for consistently delivering quality and service in a variety of operations.

HOST 208  Hospitality Supervision 3 cr.
Strategies for directing, leading, managing change and resolving conflict. Prepares students to meet expectations of management, guests, employees, and governmental agencies.

HOST 209  Managerial Accounting for Hospitality 3 cr.
Prepares students to make effective business decisions based on financial report information; forecasting, budgeting, cost analysis. Prerequisite: BOT 120 or ACCT 252.

HOST 210  Banquet Operations 3 cr.
Banquet operations, including computer coordination, planning, set up, service, and completion.

HOST 211  Food Production Principles 3 cr. (2+2P)
Introduction to kitchen design, workflow, and commercial equipment. Techniques, methods, and application of basic food production principles. Practical experience in cooking processes.

HOST 212  Advanced Food Production 3 cr. (2+2P)
Selection and use of ingredients. Demonstrations of classical and modern cooking, preparation techniques, and garde-manger functions. Recipe design and analysis. Prerequisite: HOST 211.

HOST 213  Professional Baking Operations 3 cr. (2+2P)
Fundamentals of baking, including leavened and yeast productions, breads, cakes, pastries, and cookies. Exposure to commercial equipment and processes. Introduction to commercial alternatives to scratch-preparation methods.

HOST 214  Purchasing and Kitchen Management 3 cr.
Techniques in purchasing concepts, product selection, and specifications. Safety and sanitation as they relate to food service establishments. Prepares student for work with HACCP programs. Prerequisite: HOST 203.

HOST 216  Event, Conference and Convention Operations 3 cr.
The ability to successfully plan, organize, arrange, and execute special events is critical to the success of many hospitality organizations. This course gives the student a grounding in the skills necessary to achieve success in this area. A variety of events are discussed and the similarities and differences with conferences and conventions are explored. Students are taught to organize and plan events of varying type and durations. Sales, logistics, and organizing skills are emphasized.

HOST 218  Advanced Baking Techniques 3 cr. (2+2P)
Advanced techniques of the pastry chef are explored and developed. Students are exposed to classical forms and techniques. Modern methods of preparing traditional pastry and baked goods will be introduced. Prerequisite: HOST 213.

HOST 219  Safety, Security and Sanitation in Hospitality Operations 3 cr.
It is the responsibility of the manager to provide appropriate security, sanitation, and safety precautions in hospitality operations. Preparation for internal and external disasters is an important task for the Hospitality Manager. This course uses the National Restaurant Association ServSafe® training material.

HOST 220  Experiential Travel 3 cr.
Course provides an opportunity for students to plan, prepare for and experience travel to destinations they might not otherwise have visited. Students experience local culture and peoples. Prerequisite: HOST 201 or consent of instructor.

HOST 221  Cooperative Experience 3 cr.
Student employed in approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Consent of instructor required. Graded: S/U. Restricted to HOST majors.

HOST 223  Travel Agency Principles 3 cr.
Travel agents are called upon to exhibit broad knowledge about many different tourism products. This course prepares students to undertake the challenging job of an agent in a travel agency.
HVAC—Heating, Ventilation, Air Conditioning and Refrigeration (formerly OEAR)

HVAC 100 EPA Clean Air Act: Section 608 1 cr.
Refrigerant certification preparation to include basics of refrigerant bearing equipment, ozone depletion and the new legislation, technician categories covered and the certification examination.

HVAC 101 Fundamentals of Refrigeration 4 cr. (3+2P)
Refrigeration cycle and the various mechanical components. Use of special tools, equipment, and safety precautions.

HVAC 102 Fundamentals of Electricity 4 cr. (3+2P)
Introduction to electricity theory, OHM’s Law, circuits, AC/DC, and practical applications.

HVAC 103 Electrical and Mechanical Controls I 4 cr. (3+2P)
Applications of basic electrical and mechanical controls. Reading and drawing diagrams of simple refrigerating equipment. Safe use of testing equipment. Prerequisites: HVAC 101 and 102, or consent of instructor.

HVAC 104 Domestic Refrigeration 4 cr. (3+2P)
Installation and maintenance of refrigeration systems. Prerequisites: HVAC 101, and HVAC 102, or consent of instructor.

HVAC 110 Professional Development and Leadership 1–3 cr.
As members and/or officers of various student professional organizations, students gain experience in leadership, team building, and community service. May be repeated for a maximum of 6 credits. Consent of instructor required.

HVAC 118 Technical Math for Heating Air Conditioning and Refrigeration Technicians 3 cr. (2+2P)
Geometry, algebra, and basic arithmetic pertaining to mathematical applications in the heating, air conditioning, and refrigeration trades.

HVAC 205 Commercial Refrigeration Systems 4 cr. (3+2P)
Service and maintenance of commercial refrigeration equipment to include evacuation and charging procedures, electrical diagrams, and compressors and accessories. Prerequisites: HVAC 103 or consent of instructor.

HVAC 207 Residential Air Conditioning Systems 4 cr. (3+2P)
Applications and types of equipment used in comfort cooling. Preventive maintenance, service, and repairs common to evaporative coolers and refrigerated air conditioning systems. Air properties and psychrometrics. Prerequisite: HVAC 103 or consent of instructor.

HVAC 209 Residential Heating Systems 4 cr. (3+2P)
Gas and electric systems used in comfort heating. Maintenance procedures, safety, troubleshooting, and servicing malfunctions in equipment. Prerequisite: HVAC 103 or consent of instructor.

HVAC 210 Commercial Air Conditioning and Heating Systems 4 cr. (2+3P)
Covers troubleshooting mechanical and electrical problems associated with HVAC equipment in commercial buildings. Includes gas, electric, and heat pump systems. Prerequisite: HVAC 103 or consent of instructor.

HVAC 211 Heat Pump Systems 4 cr. (3+2P)
Reverse cycle refrigeration systems utilized in comfort heating and cooling. Troubleshooting mechanical electrical problems associated with heat pumps. HVAC 103 or consent of instructor.

HOST 213 Practicum 4 cr.
Working in the field with journeymen service technicians. Develop and apply job skills. Prerequisite: consent of instructor.

HOST 220 Introduction to Sheet Metal Fabrication 4 cr. (3+2P)
Introduction to sheet metal fabrication to include hands-on practical laboratory applications, cutting and forming procedures, identifying types and gauges. Design and layout techniques. Prerequisite: OETS 118 or equivalent math or consent of instructor.

HOST 225 New Mexico Mechanical Codes: HVAC 1–4 cr.
Principles and regulations developed for HVAC, sheet metal, and plumbing occupations to include terminology, ventilation air supply, exhaust systems, duct systems, combustion air, chimneys and vents, boilers/water heaters, refrigeration, panel and hydronic panel heating, fuel gas piping, storage systems, solar systems, and workmanship standards. May be repeated for a maximum of 12 credits.

HOST 229 Independent Study 1–3 cr.
Individual studies directed by consenting faculty with prior approval of department chair. May be repeated for a maximum of 3 credits. Prerequisite: Minimum 3.0 GPA and sophomore standing.

JOUR—Journalism and Mass Communication

JOUR 105G Media and Society 3 cr.
Functions and organization of the mass media system in the United States; power of the mass media to affect knowledge, opinions, and social values; and the impact of new technologies.

L SC—Library Science

L SC 100 Introduction to Library and Information Service Careers 3 cr.
Overview of careers in the library and information field, including history and development, responsibilities of library personnel, types of libraries and services, and technology and trends.

L SC 110 Reference and Information Resources I 3 cr.
Overview of reference services. Introduction to, and evaluation of, basic information resources (both print and electronic) and their application in library and information centers.

L SC 111 Introduction to Information Literacy in an Electronic Environment 3 cr.
Introduction to the basics of the research process; the organization, location and evaluation of information using print, non-print and electronic resources.

L SC 120 Cataloging Basics I: Descriptive Cataloging 3 cr.
Introduction to descriptive cataloging.
L SC 125 Cataloging Basics II: Classification & MARC Cataloging 1 cr.
Continuation of descriptive cataloging basics. Introduction to subject analysis, classification and MARC coding.

L SC 130 Introduction to Technical Services in Libraries and Information Centers 3 cr.
Introduction to technical services in libraries and information centers, including acquisitions, binding, cataloging, gifts, and serials.

L SC 140 Multimedia Materials and Presentations in Library and Information Centers 3 cr.
Overview of media formats and equipment. Introduction to desktop publishing, presentations, and web-page creation applications in libraries and information centers.

L SC 145 Marketing Your Library 1 cr.
The process of creating and implementing a marketing plan that focuses on the needs of library patrons.

L SC 150 Library Services for Children and Young Adults 3 cr.
Library services for children and young adults with an overview of materials, programs, and services for this population.

L SC 154, State Children's Book Awards 1 cr.
Students will explore the state book award offered by their state. Students will read some of the books and plan library programs to promote the award.

L SC 155 Award Winning Books for Children 1 cr.
A review of book awards and how to integrate award winning books into school curriculum or public school programming.

L SC 156 Boys and Books 1 cr.
This course looks at why, in general, boys are less interested in books than girls. We will discover ways libraries can encourage boys to read, and develop activities and programs which entice them to do so. Students will also be reading some books recommended for boy readers.

L SC 160 Introduction to Public Services in Libraries and Information Centers 3 cr.
Introduction to public services in libraries and information centers, including circulation, inter-library loan, reference media services, special collections, and government documents.

L SC 165 Customer Service in Libraries 1 cr.
Skills for interacting with library patrons from diverse backgrounds and in challenging environments.

L SC 168 Managing Library Volunteers 1 cr.
Covers recruitment, training and development, and management of library volunteers.

L SC 170 Library Science Student Organization 1 cr.
Promotes personal growth and leadership development through networking, service, and involvement. May be repeated for a maximum of 6 credits. Graded: S/U.

L SC 173 Library Conference Internship 1 cr.
Student will volunteer at an approved library conference. Graded: S/U.

L SC 175 Civic Involvement in Library Science 1–3 cr.
Involvement in an organized community service project or group with a library or information technology component. Promotes awareness of volunteer and community service opportunities. May be repeated for a maximum of 6 credits. Graded: S/U.

L SC 191 Children's Books and their Movie Adaptations 1 cr.
For almost as long as there have been popular books for children in the United States, there have been dramatic adaptations of them. What is gained, and lost, when children's books are adapted for the big screen? What is the relationship—or what should the connection be—between works of children's literature and their seemingly inevitable film adaptations? Students will be expected to read several children's books and view the movies based on them and make comparisons.

L SC 192 Myths and Legends in Children's Literature 1 cr.
The student will explore myths and legends from diverse cultures from European and Asian people groups to those who have their roots in Africa and the Americas. We will compare myths which are similar across several cultures.

L SC 193 Poetry for Children 1 cr.
This course will explore the genre of poetry for children. In this class, participants will focus on reading and reviewing poetry for kids, exploring poetry on the Web, and trying interactive approaches for sharing poetry with children. Topics include: study and analysis of poetry, ways to use poetry in the classroom, writing poetry with children.

L SC 194 The Art of Picture Books 1 cr.
Students will develop an understanding and appreciation of the processes of the creation of the visual aspects of children's books, including the development process from preliminary sketches and/or storyboard to the published book; various media and techniques; case studies of individual artists and works.

L SC 195 Mysteries for Children 1 cr.
For many children, mysteries are their favorite genre of books. In this course the student will become familiar with a wide variety of mysteries for children. We will also discuss ways to use mysteries in the classroom and school library.

L SC 196 Historical Fiction for Children 1 cr.
This course looks at historical fiction as a genre. Topics include: fiction vs. history, American history in children's literature, world history in children's literature, activities for using historical fiction in a school setting.

L SC 197 Fantasy and Speculative Fiction 1 cr.
This course offers professionals serving school students the opportunity to increase your appreciation and knowledge of fantasy and speculative fiction through intense reading and discussion of representative works. The course will also investigate and consider options using fantasy and speculative fiction in a school setting.

L SC 200 Collection Management and Development in Libraries and Information Centers 3 cr.
Principles of identifying, selecting, acquiring, managing, and evaluating resources for libraries and information centers.

L SC 201 Public Libraries 3 cr.
A study of the American public library and its place in communities. Topics may include history, philosophy, and standards, operations and procedures, governance, funding, personnel materials, user services, outreach and advocacy.

L SC 202 Academic Libraries 3 cr.
An examination of the functions of the library within the higher education environment. Topics may include history, philosophy, and organization, operations and procedures, governance, funding, personnel, materials, outreach, and user services.

L SC 203 School Library Media Specialist 3 cr.
Principles and practice of managing the school library media center, with an emphasis on its specific educational mission. Collection development, classes and lesson plans, public relations, administrative procedures, and use of technology.

L SC 204 Special Libraries and Information Centers 3 cr.
An examination of special libraries and information centers. Topics may include management, user services, technical services, facilities, and types of collections.

L SC 205 Preservation Basics for Libraries 1 cr.
Basic preservation tools and techniques for library sources.

L SC 210 Technology Planning Libraries and Information Centers 3 cr.
Overview of computer applications in libraries and information centers; including automated systems and electronic resources; introduction to evaluation and technology and writing a technology plan.

L SC 211 Electronic Privacy 1 cr.
An introduction to the potential dangers of revealing personal information electronically and how libraries can inform and alert to protect the privacy of library computer users.

L SC 220 Innovative Technology Applications for Libraries and Information Centers 3 cr.
A look at uses for innovative technologies in libraries and information centers. Topics may include blogs, wikis, podcasting and virtual reality libraries.

L SC 221 Cooperative Experience I 1–3 cr.
Student is employed in an approved work site and rated by the employer and instructor. Each credit requires a specified number of hours of on-the-job work experience. Restricted to majors. Consent of instructor required. Graded: S/U.

L SC 222 Cooperative Experience II 1–3 cr.
Continuation of L SC 221. Each credit requires specified number of hours of on-the-job work experience. Restricted to majors. Consent of instructor required. Graded: S/U. Prerequisites: L SC 221 and consent of instructor.
L SC 230 Issues and Ethics in Libraries and Information Centers  3 cr.
Discussions of current and continuing challenges to effective library and information service. Topics may include copyright, censorship, intellectual freedom, Internet filtering, problem patrons, security, or other current issues.

L SC 231 Copyright Basics for Libraries  1 cr.
Copyright definitions and ways that copyright may affect library service.

L SC 232 Disaster Planning for Libraries  1 cr.
Preparing for and responding to library disasters.

L SC 233 Library Privacy and Confidentiality  1 cr.
Covers the USA Patriot Act and other laws that apply to library user privacy.

L SC 234 Intellectual Freedom in Libraries  1 cr.
Philosophical and practical information related to library policies about access to library materials.

L SC 235 Library Security and Safety  1 cr.
Strategies for safety and security planning in libraries.

L SC 236 Banned Books  1 cr.
Banned books, selection policies, and responding to challenges.

L SC 240 Internet Resources and Research Strategies  3 cr.
Introduction to retrieving and evaluating information found on the Internet and in selected Internet-accessible databases.

L SC 250 Reference and Information Resources II  3 cr.
Evaluation and use of specialized information resources (print and electronic) in areas such as business, law, medicine, the sciences, social sciences, and government documents.

L SC 255 Special Topics  1–3 cr.
Special topics to be announced in Schedule of Classes. May be repeated for a maximum of 12 credits.

L SC 260 Cataloging Non-Book Formats  3 cr.
Introduction to cataloging of various non-book formats and MARC coding.

L SC 261 U.S. Government Documents  1 cr.

L SC 262 State and Local Documents  1 cr.
An introduction to state and local documents in library collections.

L SC 265 Cataloging Music Materials  3 cr.
Overview of the basics of cataloging music materials including scores, CD’s, videos, and DVD’s using AACR2 and MARC coding. Designed for the cataloger with little or no music cataloging experience.

L SC 270 Library Science Capstone  3 cr.
A culmination of all technical courses that are required to receive an Associate of Applied Science from the program centering around the completion of a library related project. Discussions on the role of paraprofessionals in libraries.

L SC 275 Fundamentals of Library Supervision  3 cr.
An introduction to supervision of library employees, including student assistants, to create a productive workplace.

L SC 276 Building Specialized Collections for Latinos  1 cr.
Building a library collection to serve Latino populations.

L SC 277 Building Specialized Collections for Native Americans  1 cr.
Building a library collection to serve Native American populations.

L SC 280 World Libraries Exchange Programs  3 cr.
Students will study about libraries outside the United States. Students will also be introduced to exchange and volunteer program opportunities around the world.

L SC 281 Grant Writing for Libraries  1 cr.
Introduction to grant writing for libraries.

L SC 286 Children’s Literature and the Primary Curriculum  3 cr.
The student will research the use of picture books and other children’s literature across the curriculum with students in kindergarten through second grade. Topics include: using literature to teach writing, using literature to teach science, using literature to teach math, using literature to teach social studies.

L SC 287 Children’s Literature and the Intermediate Curriculum  3 cr.
The student will research the use of picture books and other children’s literature across the curriculum with students in grades three through five. Topics include: using literature to teach writing, using literature to teach science, using literature to teach math, using literature to teach social studies.

L SC 288 Children’s Literature and the Middle School Curriculum  3 cr.
The student will research the use of picture books and other children’s literature across the curriculum in grades six through eight. Topics include: using literature to teach writing, using literature to teach science, using literature to teach math, using literature to teach social studies.

L SC 290 Introduction to Children’s Literature for Libraries and Information Centers  3 cr.
This course will introduce current and potential library personnel to a wide variety of literature written for children. The course explores the history of children’s literature and the path it has taken. Students will read many books from a variety of genre, explore the literary elements found in those books, and develop some evaluation criteria and ways for children to respond to the literature they read.

L SC 291 Southwestern Children’s Literature  1 cr.
This course will introduce students to books which can teach the children visiting your library more about the people and places of the southwest.

L SC 292 Native American Children’s Literature  1 cr.
This course will introduce students to books which can teach the children visiting your library more about the Native Americans.

L SC 295 Introduction to Young Adult Literature  3 cr.
The course will expose students to quality adolescent literature available for reading and study in middle and high school classes. It provides a broad survey of young adult literature and focuses on building an appreciation of literature, encouraging student reading, developing life-long readers, and developing activities for critical thinking.

L SC 296 Multicultural Books for Children and Youth  3 cr.
This course explores a wide range of multicultural children’s literature including: African American, Native American, Latino, Asian, Jewish, and Middle Eastern. Topics covered include: nonfiction of the cultures, historical fiction of the cultures, and contemporary literature of the cultures.

L SC 298 Independent Study  1–3 cr.
Individual studies directed by consenting faculty with prior approval of department chair. May be repeated for a maximum of 12 credits.

LAWE—Law Enforcement

LAWE 201 Introduction to Juvenile Delinquency  3 cr.
An introductory overview of the juvenile justice system of due process, custody, detention and release. Note: course does not meet upper division requirements towards completion of Bachelor of Science in Criminal Justice.

LAWE 202 Police Patrol Procedures  3 cr.
A critical review of police procedures and the influences on police behavior; policy development, including the police role; discretion; police community interaction and arrest, search and seizure.

LAWE 203 Introduction to Police Supervision  3 cr.
An introductory overview of police supervision and concerns as it applies to law enforcement. (Note: Course does not meet upper division requirements towards completion of Bachelor of Science in Criminal Justice.)

LAWE 204 Introduction to Homeland Security  3 cr.
A historical perspective of international and domestic terrorist threats and the need to develop cohesive response policies and practices in the interest of National Security. (Course does not meet requirements towards completion of Bachelor of Science in Criminal Justice.) Prerequisite: C J 101.

LAWE 205 Practical Field Investigations  3 cr.
Incorporates the current methods and techniques for the management of the crime scene, includes documentation, collection and preservation of evidence and case presentations. (Course does not meet requirements towards completion of Bachelor of Science in Criminal Justice.) Prerequisite: C J 101 and C J 221.

LAWE 206 Systems and Practices in Corrections  3 cr.
An introduction to analysis and examination practices of control and treatment of offenders. Note: course does not meet upper division requirements towards completion of Bachelor of Science in Criminal Justice.

LAWE 207 Legal Aspects of Law Enforcement  3 cr.
An evaluation of police authority including responsibilities, civil liability, liability implications, legal obligations, legal restraints, laws of arrest, and search and seizure.
LAWE 208  Security Protection Officer Level I  3 cr.
This course is designed to provide basic security protection officer training conforming to the New Mexico Regulation and Licensing Department - Level I SPO training standards. Graded: S/U. Prerequisite: LAWE 208.

LAWE 209  Security Protection Officer Level II  2 cr. (1+3P)
This course combined with the Level I SPO training is designed to provide basic security protection officer training conforming to the New Mexico Regulation and Licensing Department - Level II SPO training standards. Graded: S/U. Prerequisite: LAWE 208.

LAWE 210  Introduction to Law Enforcement  3 cr.
An introduction to Criminal Justice System in our democratic society with emphasis on Law Enforcement, Criminal Justice Administration and application. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 211, 212, 213, 214, 215, 216, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 211  Policing in America  3 cr.
The study of Law Enforcement concepts in an American society with emphasis on law and order at the federal, state and local agencies. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 212, 213, 214, 215, 216, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 212  Patrol Procedures  3 cr.
Basic patrol concepts with emphasis on police patrol activities including the practices and procedures necessary to perform the patrol functions and report writing. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 213, 214, 215, 216, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 213  Criminal Investigations  3 cr.
Fundamentals of criminal investigations including scene security, evidence collection, traffic accidents, case preparation and report writing. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 213, 214, 215, 216, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 214  Criminal Law & Court Procedures  3 cr.
Concepts on the rule of law, substantive and procedural law including liability, crimes against persons and property. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 212, 213, 215, 216, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 215  Emergency Vehicle Operations  1 cr. (1P)
Instruction on operating a patrol vehicle, procedures for emergency driving including legal issues related to emergency vehicle operations. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 212, 213, 214, 216, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 216  Traffic Law and Procedures  3 cr. (2+3P)
Instruction on law of motor vehicles including traffic enforcement operations and law enforcement officer's role in report writing, hazardous materials incidents and accident investigations. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 217  Custody and Defensive Tactics  3 cr. (9P)
Instruction on the mechanics of arrest, custodial procedures, use of force, transporting prisoners and defensive tactics for officer protection. (This is a Law Enforcement Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 212, 213, 214, 215, 217, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 218  Basic Firearms  3 cr. (1+6P)
Familiarization on the operation and maintenance of firearms, safety, use of deadly force, body armor and marksmanship. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 212, 213, 214, 215, 216, 218, 219, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 219  Law Enforcement Report Writing  4 cr.
Covers police, corrections, security and pre-sentence reports, including writing and use of forms. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 212, 213, 214, 215, 216, 217, 218, 222 and OEEM 155. Restricted to LAWE majors.

LAWE 220  Cooperative Experience  3 cr.
Supervised cooperative work program. Student is employed in an approved law enforcement occupation and rated by the employer and instructor. Prerequisite: consent of instructor.

LAWE 221  Law Enforcement Internship  3 cr.
Application of knowledge, skills and abilities, in an agency as an intern and integrated member of a law enforcement affiliated agency. Prerequisite: consent of instructor.

LAWE 222  Law Enforcement Physical Fitness  2 cr. (6P)
Instruction on health and physical fitness concepts, flexibility, strength, body composition and cardiovascular endurance. (This is a Law Enforcement Academy Certification course.) Consent of instructor required. Corequisites: LAWE 210, 211, 212, 213, 214, 215, 216, 217, 218, 219 and OEEM 155. Restricted to LAWE majors.

LAWE 233  Practical Approach to Terrorism  3 cr.
Gives responders an overall safety approach in recognizing and responding to incidents involving terrorism. Presents and overview in types of harm, explosive weapons, chemical weapons, biological weapons and radiological weapons. (Course does not meet requirements towards completion of Bachelor of Science in Criminal Justice.) Crosslisted with: OEFS 233.

LING — Linguistics

LING 200G  Introduction to Language  3 cr.
Traditional fields of language study (sound, grammar, meaning) and newer ones (language as social behavior, language and cognition, language variation, animal communication).

MAT — Automation & Manufacturing Technology
(formerly OEMG)

MAT 101  Introduction to Automation  3 cr.
This course will introduce the students to the world of manufacturing from business to production and from raw material to finished goods. Students will be exposed to various manufacturing industries making various products around the world. Course will include historical and present trends.

MAT 105  Introduction to Manufacturing  3 cr. (2P)
Introduction to manufacturing evolution from basic assembly process to modern automated process including world of manufacturing from business to production operation and from raw materials to finished goods. Covers history, employability soft skills, quality measurements, team work concept, production requirements, and considerations in plant layout and design, exposes students to various manufacturing industries making various products around the world.

MAT 106  Applied Manufacturing Practices  3 cr. (1P)
Use of measuring tools in manufacturing process and quality control. These tools include: vernier and digital micrometers, calipers, height gauges, hole gauges, pin gauges, electrical pressure/flow, temperature measuring, stress/ strain measurements, and non-destructive testing (eddy currents, magnetic particle, ultrasonic, bubble emission, x-ray, Gamma ray, radiography, visual inspection, ring test, taping & Zygo). Instruction to use of coordinate machine while covering the safety issues that pertains to these types of tools and equipment.

MAT 108  Metrology, Safety and Quality Control for Manufacturing  3 cr. (1P)
Course will illustrate how various products are manufactured along with associated process. Mechanical behavior such as bending, cold worked, strained, work hardened, and heat transfer will be emphasized as well. In lab, students will learn how to make selected products starting from prints to complete projects including quality control.

MAT 110  Machine Operation and Safety  3 cr. (1P)
Introduction to the operation and safety aspects of various types of machinery and equipment, including both mechanical and electrical machines, Rigid Tapping, and Flexible Lines. Maintenance and safety operation of industrial equipment will also be covered.

MAT 115  Print Reading for Industry  3 cr. (2+2P)
Reading, interpretation, and revisions of industrial technical drawings common to manufacturing, Aerospace, machine parts, electrical, hydraulic, and Pneumatic drawings. Interpretation of engineering drawings and related shop calculations. Introduction to computer-aided drawing of schematic diagrams.

LING—Linguistics

LING 200G  Introduction to Language  3 cr.
Traditional fields of language study (sound, grammar, meaning) and newer ones (language as social behavior, language and cognition, language variation, animal communication).
MAT 125 Industrial Electricity Maintenance 4 cr. (3+3P)
Electrical safety rules, DC, AC, and solid state circuits, use and care of common measuring instrumentation, schematic and wiring diagrams, electromagnetism, National Electric Code branch circuits. Relationship between motor power, speed, and torque, basic application of relay circuits, motor control circuits, inductance and capacitance factors, transformers, solid state devices and applications, digital devices and controls. Prerequisite: OETS 118 or CCCTN 114, or consent of instructor.

MAT 130 Applied Industrial Electricity I 4 cr. (3+3P)
Electrical safety, AC and DC circuits, use and care of common measuring instrumentation, schematic and wiring diagrams, electromagnetism, National Electric Code branch circuits. Prerequisite: ELT 120 or OETS 118 and consent of instructor.

MAT 135 Applied Industrial Electricity II 4 cr. (3+3P)
Relationship between motor power, speed, and torque, basic application of relay circuits, motor control circuits, inductance and capacitance factors, transformers, solid state devices circuits and applications. Prerequisite: MAT 130.

MAT 140 Industrial Digital Devices 4 cr. (3+3P)
Digital techniques, practical applications of number systems, basic logic gates, Boolean algebra, combination circuits, tri-state logic, latches and flip-flops, counters and registers, and digital position encoders. Prerequisite: MAT 130 or consent of instructor.

MAT 145 Electromechanical Systems for Non-Majors 4 cr. (3+3P)
Electromechanical system interfacing. Principles and applications of preventive and corrective maintenance procedures on automated industrial production machines using system technical and maintenance manuals to develop troubleshooting procedures using systems block and schematic diagrams. Prerequisite: consent of instructor.

MAT 151 Introduction to Metalworking I 3 cr. (4+2P)
Measuring instruments, including steel rules, combination and transfer tools, micrometers, vernier instruments, bevel indicators, and indicators. Shop safety and first aid, introduction to cutting fluids, saws and sawing, and drill presses. Prerequisite: OETS 118 or concurrent enrollment.

MAT 152 Introduction to Metalworking II 3 cr. (4+2P)
Gage blocks and sine bars, cutting and noncutting hand tools, engine lathes, grinding machines, and concepts of numerical control. Prerequisites: MAT 115, MAT 151, and OETS 118.

MAT 153 Basic Machining Technology I 5 cr. (6+2P)
Introduction to EDM, saws and sawing practices, and various lathe operations. Prerequisite: MAT 152.

MAT 154 Basic Machining Technology II 5 cr. (6+3P)
Metallurgy for machinists and computer programming relating to NC and CNC. Prerequisite: MAT 153.

MAT 180 Applied Industrial Chemistry for Technicians 4 cr. (3+3P)
Basic concepts of chemistry and their roles in industrial processes. Includes classification and structure of matter, identification of types of chemical reactions and their general industrial applications. General principles of laboratory and industrial safety emphasized. Prerequisite: ELT 120 or equivalent math course.

MAT 190 Physics for Technicians 4 cr. (3+3P)
Basic concepts of physics and their application to technology including force, work, rate, momentum, resistance, energy, power, waves, radiation, and optics. Prerequisite: ELT 120 or equivalent math course.

MAT 205 Statistical Controls for Manufacturing Technicians 3 cr. (2+2P)
Use of hardware and software for quality assurance to include the design of experiments, sampling techniques, SPC, control chart application and development, and process reliability. Prerequisite: ELT 120 or equivalent.

MAT 220 Vacuum Technology 2 cr. (2+1P)
Vacuum technology and vacuum systems and their applications in the manufacturing industry. Includes gas laws, operation and applications of vacuum pumps, gauges, valves and system leak detection. Prerequisite: ELT 120. Corequisite: MAT 240 or consent of instructor.

MAT 221 Cooperative Experience I 1–6 cr.
Supervised cooperative work program. Student is employed in an approved occupation and rated by employer and instructor. Student meets in a weekly class. Prerequisite: consent of instructor. Graded S/U.

MAT 222 Cooperative Experience II 1–6 cr.
Continuation of MAT 221. Maximum of 6 credits. Prerequisite: consent of instructor. Graded S/U.

MAT 230 Power RF 2 cr. (2+1P)
RF plasma energy and its applications in the manufacturing industry. Includes plasma physics, safety, RF applications, RF generators, transmission lines, and RF interference. Prerequisites: ELT 135 and ELT 205. Corequisite: MAT 220 or consent of instructor.

MAT 234 Industrial Electricity Maintenance 3 cr. (2+2P)
Introduction into electrical systems, theory and uses for the different types of motors used in the industry and related industrial safety practices. DC, AC stepper and servo motors, motor speed and torque, motor performance, and efficiency, motor control fundamentals using variable frequency drives, vector controls, servo and stepper drives. Prerequisites: All ELT 100 level courses in electronics technology or consent of instructor.

MAT 235 Programmable Logic Controllers Pneumatics 4 cr. (3+3P)
Introduction to theory and application of pneumatic power transfer and control. Programmable logic controllers (PLCs) introduced as controlling elements for electropneumatic systems. Prerequisite: MAT 125 or MAT 130 or consent of instructor.

MAT 240 Electromechanical Devices 4 cr. (3+2P)
Theory and application of electromechanical devices and digital control circuits. Includes AD and DA converters, pneumatics, hydraulics, programmable logic controllers, DC, AC, and stepper motors, and servomechanisms. Prerequisites: MAT 125 or 135 or consent of instructor.

MAT 243 Industrial Mechanical Elements 3 cr. (2+2P)
Introduction to mechanical systems, theory, characteristics and uses for the different types of mechanical power transmission systems used in the industry, and related industrial safety practices. Topics include: safety, drives, shafts, maintenance and lubrication.

MAT 245 Electromechanical Systems 3 cr. (2+2P)
Electromechanical system interfacing. Principles and applications of preventive and corrective maintenance procedures on industrial production machines using system technical and maintenance manuals to develop troubleshooting procedures using systems block and schematic diagrams. Prerequisite: MAT 240 or consent of instructor.

MAT 250 Semiconductor Manufacturing Technology I 3 cr. (2+2P)

MAT 251 Semiconductor Manufacturing Technology II 3 cr. (2+2P)
Students continue to explore processes, materials, and equipment used in semiconductor manufacturing. Covers ion implantation, photo-lithography and etch. Prerequisite: MAT 250. Corequisite: MAT 220.

MAT 255 Special Problems in Semiconductor Manufacturing Technology 1–6 cr.
Individual studies in areas directly related to semiconductor manufacturing. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

MAT 265 Special Topics 1–6 cr.
Course subtitled in the Schedule of Classes. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

MATH—Mathematics

MAT 101 General Supplemental Instruction I 1 cr.
Collaborative workshop for students enrolled in Intermediate Algebra. Corequisite: MATH 120. May be repeated for a maximum of 2 credits. Graded S/U.

MAT 102 General Supplemental Instruction II 1 cr.
Collaborative workshop for students enrolled in College Algebra. Corequisite: MATH 121G. May be repeated for a maximum of 2 credits. Graded S/U.

MAT 107 Topics in Mathematics 1–3 cr.
Topics to be announced in the Schedule of Classes. Maximum of 3 credits per semester. Total credit not to exceed 6 credits. Prerequisite: consent of instructor.
MATH 111 Fundamentals of Elementary Mathematics I 3 cr. (2+1P)
Intuitive development of the arithmetic of real numbers. Counting numbers, number bases, integers, rational numbers, decimal representations, real numbers and the fundamental operations. Probability. Students may be required to earn a 90 or better on an arithmetic skills exam near the beginning of the semester. Prerequisite: High school algebra and an adequate score on the Mathematics Placement Examination. Open to elementary and early childhood majors or to education majors with consent of instructor.

MATH 112G Fundamentals of Elementary Math II 3 cr. (2+2P)
Intuitive development of elementary geometry, measurement, and statistics. Prerequisite: C or better in MATH 111.

MATH 120 Intermediate Algebra 3 cr.
Linear and algebraic functions as they arise in real world problems. Exponential and logarithmic functions, equations and inequalities and their solutions considered symbolically, graphically and numerically. Prerequisite: adequate score on the Mathematics Placement examination (see note above.)

MATH 121G College Algebra 3 cr.
Fundamental concepts of functions, including algebraic and graphical properties. Fitting functions to data. Finding zeroes and extreme values. Solving systems of equations. Prerequisites: Adequate math placement score or C or better in MATH 120.

MATH 142G Calculus for the Biological and MATH 190G Calculus and Analytic Geometry I 3 cr. (2+2P)
Differential calculus, maxima and minima. The definite integral and antiderivatives. Applications. Includes a writing component and overview of the historical development of calculus. Prerequisite: C or better in MATH 121G.

MATH 175 Trigonometry 3 cr.
Trigonometric functions, graphs, identities, inverse functions, polar coordinates, and applications. Complex numbers, curve fitting, roots of polynomials, exponential and logarithmic functions, conics, systems of equations, and matrices. May not be taken for credit by students having credit for MATH 136. Prerequisite: C or better in MATH 121G.

MATH 190G Trigonometry and Pre-calculus 4 cr. (3+2P)
Elementary functions used in the sciences with emphasis on trigonometric functions and their inverses. Polar coordinates. Complex numbers and Euler’s formula. Analytic geometry and vectors. Prerequisite: adequate score on Mathematics placement exam or a C or better in MATH 121G (see note at beginning of this section).

MATH 191G Calculus and Analytic Geometry I 4 cr.
Algebraic, logarithmic, exponential, and trigonometric functions, theory and computation of derivatives, approximation, graphing, and modeling. May include an introduction to integration. Prerequisite: MATH 190G.

MATH 192G Calculus and Analytic Geometry II 4 cr.
Riemann sums, the definite integral, anti-derivatives, fundamental theorems, use of integral tables, numerical integration, modeling, improper integrals, differential equations, series, Taylor polynomials. Prerequisite: MATH 191G.

MATH 210G Mathematics Appreciation 3 cr.
Mathematics and its role in the development and maintenance of civilization. Prerequisites: High school algebra, and an adequate score on the Mathematics Placement Examination.

MATH 291G Calculus and Analytic Geometry III 4 cr.
Vector algebra, directional derivatives, approximation, max-min problems, multiple integrals, applications, cylindrical and spherical coordinates, change of variables. Prerequisite: grade of C or better in MATH 192G.

MGT—Management

MGT 201 Introduction to Management 3 cr.
Covers the functioning and administration of different types of complex organizations. Concepts and theories of management and organizational behavior.

MKTG—Marketing

MKTG 203 Introduction to Marketing 3 cr.
Covers processes, functions and principles in the current marketing system. Includes role of marketing in the economy, types of markets, product development, distribution channels, pricing and promotion strategies, market research and management of the processes.
NURS 147 Adult Health I
This course focuses on the role of the nurse in promoting, maintaining and
restoring health for adults with commonly occurring health problems. The
nursing process is applied to patients with cardiovascular, gastrointestinal,
dermatologic, hematological, integumentary, musculoskeletal, neurological,
renal and respiratory problems. The students develop beginning collabora-
tive skills with clients, families, peers, and health care team members in the
delivery of nursing care. The clinical component will enable the student
to use the nursing process to formulate the plan of care for patients with
a variety of medical and surgical conditions. Clinical learning experiences
allow the student to develop assessment skills, communication techniques,
cultural awareness and critical thinking skills.

NURS 148 Physical Health Assessment
Introduction of concepts and techniques of interviewing, history taking,
review of body systems, and physical assessment of an adult client. The
student should be able to apply knowledge of anatomy and physiology, as-
sessment skills, communication skills, cultural awareness, nursing process,
critical thinking skills, teaching skills, and psychomotor skills.

NURS 149 Psychiatric/Mental Health Nursing
Introductory concepts of mental health/illness across the lifespan and nurs-
ing implications for persons experiencing psychosocial dysfunction. Upon
completion of this course, students will successfully interact with clients in
the promotion of mental health, the prevention and treatment of mental
disorders, and the resolution of mental health in the aftermath of dysfunc-
tion.

NURS 155 Special Topics
Specific subjects to be announced in the Schedule of Classes.

NURS 201 Special Topics
Specific topics to be announced in the Schedule of Classes. Prerequisite:
admission to the nursing program. May be repeated for a maximum of 10
credits.

NURS 224 Maternal Child Health Nursing
Provides an in-depth overview of a family centered approach to nursing
practice. Care of the childbearing woman, her newborn from birth to
adolescence, and the family unit are introduced. Comparison of normal
findings and deviations in perinatal and pediatric clients are addressed.
Clients’ psychosocial and cultural values will be explored in the intrapar-
tum and postpartum woman, newborn, children and families across the
continuum of care.

NURS 226 Adult Health II
Preparation for entry into the professional practice as a graduate nurse. The
nursing process is applied to clients with more complex cardiovascular,
respiratory, endocrine, hematological, neurological, renal, integumentary,
and musculoskeletal problems. Emphasis includes the care of adult clients
with high risk, complex, and critical health care problems. Clinical learning
experiences allow students to enhance their assessment skills, commu-
nication techniques, and critical thinking skills. The students will col-
laborate with clients, families, peers, and other health care team members
in the delivery of nursing care.

NURS 234 Community Health Nursing
This course provides an introduction to community health, focusing on
health care systems and epidemiology, and nursing care of individuals, fami-
lies and aggregates of varied cultural backgrounds. Primary, secondary,
and tertiary prevention are emphasized. Diverse roles of the community
health nurse are examined. Educational theories and their applications are
explored.

NURS 235 Nursing Leadership and Management
This course provides concepts and principles of nursing leadership and
management for the novice professional nurse.

NURS 236 Nursing Preceptorship
This capstone course provides the opportunity to provide direct client care
in a clinical setting.

OEAR—See “HVAC”

OEAT—See “AUTO”

OEBT—See “BCT”

OECS—Computer and Information Technology

OECS 101 Computer Basics
Hands-on instruction to introduce computer use and commonly used soft-
ware. Graded S/U.

OECS 105 Introduction to Microcomputer Technology
History and impact of computers on the economy and society. Develop-
ment of basic skills in operating systems, word processing, spreadsheets,
and databases.

OECS 125 Operating Systems
Installation of current operating systems software, and utilities to include sys-
tems configuration, file, and hardware management. Prerequisite: either BCIS
110, C S 110 or OECS 105. May be repeated for a maximum of 6 credits.

OECS 128 Operating Systems Linux/Unix
Installation of current operating system software and utilities including sys-
tems configuration, file and hardware management. Prerequisite: either BCIS
110, C S 110 or OECS 105. May be repeated for a maximum of 6 credits.

OECS 140 Introduction to Game Production Industry
Students explore the business behind game production, understanding how
game companies are organized and funded, positions within the game indus-
try, and what skills game producers need. Prerequisites: Either BCIS
110, C S 110, or OECS 105.

OECS 141 Introduction to Interactive Game Programming
This introductory programming class reviews the basics of programming,
including the object-oriented approach. Students will deconstruct existing
games, develop their own code, and gain an appreciation for coding strate-
gies. May be repeated for a maximum of 6 credits. Prerequisites: C S 110,
BCIS 110, or OECS 105.

OECS 150 Introduction to Programming Using Visual Basic
Introduction to algorithmic problem-solving concepts, structured program-
ning design-oriented application programing interface development. So-
lutions to problems are implemented using the Visual Basic programming
language in the Windows environment, with connection to Access data-
bases as applicable. Prerequisites: C S 110, OECS 220, and MATH 120.

OECS 155 Special Topics—Introductory Computer Technology
Topics to be announced in the Schedule of Classes. May be repeated up
to 8 credits.

OECS 175 Assembly Language Programming I
Vocabulary, syntax, structure, and application of assembly language pro-
grams. Prerequisite: one semester of any programming course.

OECS 185 PC Maintenance and Selection
Selecting, installing, configuring, troubleshooting, and maintaining microcom-
puters and peripheral devices. Prerequisites: BCIS 110, C S 110 or OECS 105.

OECS 192 C++ Programming I
Development of skills in programming using the C programming language.
Prerequisite: one semester of any programming course.

OECS 193 C++ Programming II
Continuation of OECS 192. Prerequisite: OECS 192.

OECS 195 Java Programming I
Developing skills in programming business systems using the computer
language Java. Prerequisite: one semester of any programming course. May
be repeated for a maximum of 9 credits.

OECS 196 Java Programming II
Continuation of OECS 195. Prerequisite: OECS 195. May be repeated for a
maximum of 9 credits.

OECS 200 Accounting on Microcomputers
Fundamental accounting principles using popular microcomputer soft-
ware to include G/L, A/R, A/P, purchase order, billing, inventory, and fore-
casting modules. Prerequisite: ACCT 252 or BOT 121.

OECS 203 UNIX Operating System
Introduction to the UNIX operating system using Telnet to access a remote
UNIX system. Basic UNIX commands and file system concepts. Prerequi-
ts: C S 110, BCIS 110G or OECS 105.
OECS 204 Linux Operating System 1–3 cr.
Install and configure the Linux operating system on X86 systems. Covers issues involved in maintaining operating system, networking, creating and managing users, and installing and updating software. General procedures for working with operating system includes maintaining disk space, preserving system security, and other related topics. Prerequisite: C S 110, BCIS 110G or OECS 105.

OECS 205 Advanced Operating Systems: Administration 3 cr.
Examines operating systems designed for PC, minicomputers and mainframes. Covers maintaining operating systems, creating and managing users, and installing and updating software. General procedures for working with operating systems will include maintaining disk space, preserving system security, providing mail services, among other topics. Prerequisite: OECS 128. May be repeated for a maximum of 6 credits.

OECS 207 Windows 1–3 cr.
Windows concepts including program manager, icons, multiple applications and file/disk management. Windows applications introduced. Prerequisites: OECS 105 or BCIS 110G or C S 110G or consent of instructor. May be repeated for a maximum of 6 credits under different subtitles listed in the Schedule of Classes.

OECS 208 Internet Applications 1–3 cr.
Survey of the Internet to include e-mail, file transfer, current search techniques, the World Wide Web and basic Web page development. Prerequisite: C S 110G, BCIS 110 or OECS 105. May be repeated for a maximum of 6 credits.

OECS 210 Survey of Current Microcomputer Software 3 cr.
Overview of current software packages for the microcomputer. Prerequisites: C S 110, BCIS 110 or OECS 105.

OECS 211 Word Processing Applications 1–3 cr.
Basic word processing to include composing, editing, formatting, and printing of documents. Prerequisites: C S 110, BCIS 110 or OECS 105. May be repeated under different subtitles listed in the Schedule of Classes for a maximum of 6 credits OECS 212. Introduction to the Automated Office 3 cr. Covers applications of integrated business software packages. Same as BOT 210.

OECS 213 Image Processing 1 cr.
Introduction to digital imaging acquisition and editing. Use of digital cameras and computer graphic software for business and personal use. Prerequisites: C S 110, BCIS 110 or OECS 105. Graded S/U.

OECS 214 Creating a Web Page 1 cr.
Introduction to creating Web pages for business and personal use. Prerequisites: C S 110, BCIS 110 or OECS 105. Graded S/U.

OECS 215 Spreadsheet Applications 1–3 cr.
Use of spreadsheets to include graphics and business applications. Prerequisites: C S 110, BCIS 110 or OECS 105. May be repeated for a maximum of 6 credits.

OECS 216 Programming for the Web 3 cr.
Designing web-based applications using HTML and Java, Perl and C programming languages. Prerequisite: one semester of any programming course.

OECS 218 Web Page Programming Support 3 cr.
Languages that support Web page development including HTML, Active X and Java Script. Implementation of forms and style sheets in Web pages also presented. Prerequisites: C S 110, BCIS 110 or OECS 105. Graded S/U.

OECS 220 Database Application and Design 1–3 cr.
Creating, accessing, and searching of single and multi-file databases to include report generation and programming database commands. Prerequisites: C S 110, BCIS 110 or OECS 105. May be repeated for a maximum of 6 credits under different subtitles listed in the Schedule of Classes.

OECS 221 Cooperative Experience I 1–3 cr.
Student employed at approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: consent of instructor. Restricted to OECS majors. Graded S/U.

OECS 222 Cooperative Experience II 1–3 cr.
Continuation of OECS 221. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: OECS 221 and consent of instructor. Restricted to OECS majors. Graded S/U.

OECS 225 Computer Graphics for Business 3 cr.
Programming common computer graphics for business. Creation of computer special effects. Prerequisites: C S 110, BCIS 110 or OECS 105.
OEEM 101 CPR for the Health Care Professional 1 cr.
Students learn identification and response to airway and circulation emergencies, including use of a SAED and accessing the EMS system. This course is taught using the American Heart Association guidelines for course completion. Required: grade of C or better.

OEEM 105 Vehicle Extrication Course 2 cr.
Assessment and psychomotor skills required to perform motor vehicle extrication at the scene of an accident. Taught using the N.M. Fire Academy guidelines for motor vehicle extrication course completion. Graded S/U.

OEEM 115 First Responder Prehospital Professional 3 cr. (2+3P)
Provides training in prehospital medical and traumatic emergencies. Prerequisite: consent of instructor. Corequisite: OEEM 101. Requires a C or better to pass. Restricted to majors.

OEEM 116 Emergency Medical Technician Bridge 5 cr. (3+6P)
Enhanced skill instruction and didactic integration designed to meet the requirements for an EMT–Basic certificate. Prerequisites: OEEM 101 and OEEM 115, and consent of instructor. Corequisite: OEEM 121. Requires a C or better to pass. Restricted to majors.

OEEM 117 Emergency Medical Technician—Wilderness First Responder 4 cr.
A comprehensive study of pre-hospital medical and traumatic emergencies in the wilderness setting. Prerequisite: OEEM 101.

OEEM 118 Spanish for EMS 2 cr. (1+3P)
Intensive elementary Spanish with emphasis on developing communicative skills: listening and speaking for students in emergency medical services. Students will focus on mastering vocabulary for selected situations common to EMS, with limited reading and writing practice emphasizing correct pronunciation. EMS scenarios will be an important part of class participation.

OEEM 120 Emergency Medical Technician–Basic 6 cr.
Covers EMT–Basic skills instruction to include care of soft tissue and muscular/skeletal injuries, circulatory, nervous, general medical and respiratory systems emergencies. Corequisites: OEEM 101, OEEM 120L, and OEEM 121, or consent of instructor. Requires a C or better to pass.

OEEM 120L Emergency Medical Technician–Basic Lab 2 cr. (6P)
EMT–Basic skills development with emphasis on assessment, skills competency and team-work in patient care in the prehospital setting. Corequisites: OEEM 101 or OEEM 120, and OEEM 121, or consent of instructor. Requires a C or better to pass.

OEEM 121 Emergency Medical Technician–Basic Field/Clinical 1 cr. (3P)
Covers the patient care experience provided through assigned shifts in the hospital and/or ambulance setting. Corequisites: OEEM 101, OEEM 120, and OEEM 120L, or consent of instructor. Requires a C or better to pass.

OEEM 122 Emergency Medical Technician–Basic Advanced Field/Internship 2 cr. (6P)
Expanded patient care experience provided through practical scenarios, assigned shifts in the hospital and/or ambulance setting. Prerequisite: current EMT–Basic license and consent of instructor. Requires a C or better to pass.

OEEM 123 RN-to-EMT Transition Course 3 cr. (2+3P)
Enhanced skill instruction and didactic integration designed to meet the requirements for an EMT Basic certificate. Prerequisites: OEEM 101, license at the RN level and consent of instructor. Requires a C or better to pass.

OEEM 127 Emergency Medical Technician–Basic Refresher 2 cr.
Comprehensive review of prehospital emergency medicine for the EMT–Basic. New material relevant to recertification of the New Mexico EMT–Basic license included. S/U only.

OEEM 150 Emergency Medical Technician–Intermediate 5 cr.

OEEM 150L Emergency Medical Technician Intermediate Lab 2 cr. (6P)
EMT–Intermediate skills development with an emphasis on assessment, skills competency, and team work in patient care in the prehospital setting. Requires a C or better to pass. Corequisites: OEEM 150 and OEEM 151.

OEEM 151 Emergency Medical Technician–Intermediate Field/Clinical 2 cr. (6P)
Patient care experience provided through assigned shifts in the hospital and/or ambulance setting. Prerequisite: consent of instructor. Corequisites: OEEM 150 and OEEM 150L. Requires a C or better to pass.

OEEM 152 Emergency Medical Technician–Intermediate Advanced Field/Internship 2 cr. (6P)
Expanded patient care experience provided through practical scenarios, assigned shifts in the hospital and/or ambulance setting. Prerequisites: current EMT–I license and consent of instructor. Requires a C or better to pass.

OEEM 155 Special Topics 1–6 cr.
Specific topics to be listed in Schedule of Classes. May be repeated for a maximum of 10 credits.

OEEM 157 Emergency Medical Technician Intermediate Refresher 2 cr.
Comprehensive review of prehospital emergency medicine for the licensed EMT–Intermediate. New material relevant to recertification of the New Mexico EMT–Intermediate license included. Graded S/U.

OEEM 158 Emergency Medical Technician—Combination Refresher 2 cr.
A comprehensive review of prehospital medicine for the prehospital care provider from the first responder level through the EMT Intermediate. New material relevant to recertification of the New Mexico First Responder, EMT Basic and EMT Intermediate license included. Graded S/U.

OEEM 177 Emergency Medical Services Instructor 4 cr.
Theory of student learning, methodology, instructional components, evaluation, and course coordination for the EMS profession. Prerequisite: consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 201 Human Pathophysiology 3 cr. (2+3P)
Overview of anatomy and physiology. Emphasis on human body pathophysiology including a medical illness component. Restricted to majors. Requires a C or better to pass. Prerequisite: OEEM 120.

OEEM 202 EMT–Paramedic I Respiratory Emergencies 3 cr. (2+3P)
Review anatomy, physiology and pathophysiology of the respiratory system. Assessment and management of respiratory emergencies and acute respiratory failure in the prehospital setting. Prerequisites: consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 203 EMT–Paramedic II Trauma Emergencies 3 cr. (2+3P)
Study of the effects of trauma on the human body. Assessment and management of trauma patients and scenes, including vehicular extrication. Prerequisites: OEEM 202 and consent of instructor. Restricted to majors. Requires a C or better to pass.
OEEM 206 Introduction to Advanced Prehospital Care 3 cr. (2+3P)
Overview of prehospital care including roles and responsibilities of EMT-P, EMS systems, medical, legal, ethical issues, stress management, medical terminology, medical report writing and communication. Includes ride-along with ambulance and dispatch observation. Requires a C or better to pass. Restricted to majors. Consent of instructor required. Prerequisite: OEEM 120.

OEEM 207 Introduction to Pharmacology 3 cr. (2+3P)
Drug actions, factors modifying drugs and dosages: characteristics of drug effects, and drug history and dosages. Prehospital protocol, transport, and common patient prescription medications. Restricted to majors. Requires a C or better to pass. Prerequisite: OEEM 120.

OEEM 210 Cardiac Rhythm Interpretation 3 cr. (2+3P)
Cardiac conduction system: electrocardiography, monitor, atrial, sinus, ventricular and junctional dysrhythmias, multiple lead EKG and 12 lead EKG interpretation. Prerequisites: OEEM 203, OEEM 230 and OEEM 240. Requires a C or better to pass.

OEEM 212 EMT–Paramedic Cardiovascular Emergencies 3 cr. (2+3P)
Review anatomy, physiology, and pathophysiology of cardiovascular system. Assessment and management of cardiovascular emergencies in the prehospital setting. Prerequisites: second semester standing in OEEM program and consent of instructor. Requires a C or better to pass.

OEEM 213 EMT–Paramedic: Medical Emergencies I 3 cr. (2+3P)
Study of the disease process; assessment and management of neurologic, endocrine, gastrointestinal, renal emergencies and infectious disease. Prerequisites: OEEM 212, 230, and 240. Requires a C or better to pass.

OEEM 214 EMT–Paramedic: Medical Environmental Emergencies II 3 cr. (2+3P)
Study of disease process, assessment, and management of poisoning, drug and alcohol abuse, environmental, behavioral and geriatric emergencies. Prerequisites: OEEM 213, 230 and 240. Requires a C or better to pass.

OEEM 216 EMT–Paramedic: Reproductive and Childhood Emergencies 3 cr. (2+3P)
Covers anatomy, physiology, disease processes, assessment and management of male and female reproductive system emergencies, childhood emergencies and growth and development. Restricted to majors. Requires a C or better to pass. Prerequisites: OEEM 214 and consent of instructor.

OEEM 218 Pediatric Advance Life Support for the Healthcare Professional 1 cr.
Identify and respond to life threatening pediatric emergencies. Taught using the American Heart Association guidelines for course completion. Prerequisite: OEEM 101. Graded S/U.

OEEM 219 Advance Cardiac Life Support for the Healthcare Provider 1 cr.
Identify and respond to life threatening cardiac emergencies. Taught using the American Heart Association guidelines for course completion. Prerequisite: OEEM 101. Graded S/U.

OEEM 230 EMT–Paramedic Clinical Experience I 3 cr. (9P)
Assigned clinical experiences in patient assessment and specific management techniques. Successful completion includes minimum required hours and completion of course objectives. Prerequisite: consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 231 EMT–Paramedic Clinical Experience II 3 cr. (9P)
Assigned clinical experiences in patient assessment and specific management techniques. Successful completion includes minimum required hours and completion of course objectives. Prerequisites: OEEM 230 and consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 235 EMT–Paramedic Clinical Experience III 1–3 cr.
Continuation of OEEM 231. Prerequisites: second semester standing in EMS program, OEEM 231, and consent of instructor. May be repeated for a maximum of 3 credits. Restricted to majors. Requires a C or better to pass.

OEEM 240 EMT–Paramedic Field Experience I 3 cr. (9P)
Advanced prehospital skills and knowledge. Successful completion of at least the minimum required hours and course objectives. Prerequisite: consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 241 EMT–Paramedic Field Internship I 3 cr. (9P)
Continued focus on advanced prehospital skills and knowledge, with increasing responsibility for patient care. Successful completion includes meeting at least the minimum required hours and course objectives. Prerequisites: OEEM 240 and consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 242 EMT–Paramedic Field Internship II 3 cr. (9P)
Emphasis on total patient care responsibility and team leadership skills. Successful completion includes meeting the minimum hours required and course objectives. Prerequisites: second semester completion in EMS program, OEEM 241, and consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 243 EMT–Paramedic Preparation for Practice 2 cr.
Comprehensive final program testing to prepare for licensing examination. Prerequisites: OEEM 216 and OEEM 242. Restricted to majors. Requires a C or better to pass.

OEEM 245 EMT–Paramedic Field Internship III 1–3 cr.
Continuation of OEEM 242. Prerequisites: OEEM 242 and consent of instructor. Restricted to majors. Requires a C or better to pass.

OEEM 247 Emergency Medical Technician–Paramedic Refresher 2 cr. (1+3P)
A comprehensive review of prehospital emergency medicine for the EMT Paramedic. New material relevant to recertification of the New Mexico and Nationally Registered Paramedic licensure. Graded S/U.

OEEM 250 RN-to-EMT–Paramedic Transition Course 6 cr.
Enhanced skill instruction and didactic integration designed to meet the requirements for an EMT Paramedic certificate. Prerequisites: current N.M. EMT Basic licensure, RN licensure, ACLS, PALS certification and 2 years experience in the critical care setting or equivalent. Corequisites: OEEM 250L and OEEM 251. C or better required to pass.

OEEM 250L RN-to-EMT–Paramedic Transition lab 3 cr. (9P)
Enhanced skill instruction and didactic integration designed to meet the requirements for an EMT Paramedic certificate. Prerequisites: current N.M. EMT Basic licensure, RN licensure, ACLS, PALS certification. Corequisites: OEEM 250 and OEEM 251. C or better required to pass.

OEEM 251 RN-to-Paramedic Field/Clinical 3 cr. (9P)
Advanced pre-hospital skills and assigned clinical experiences in patient assessment and specific management technique. Minimum hours and completion of course objectives required for successful completion. Prerequisites: current N.M. EMT Basic licensure, RN licensure, ACLS, PALS certification. Corequisites: OEEM 250 and OEEM 251. C or better required to pass.

OEEM 252 RN-to-Paramedic Internship 3 cr. (9P)
Continued focus on advance pre-hospital skills and knowledge with increasing responsibility for patient care. Minimum hours and completion of course objective required for successful completion. Prerequisites: OEEM 250, OEEM 250L and OEEM 251. Requires a C or better to pass.

OEEM 290 Independent Study 1–3 cr.
Individual studies directed by a consenting faculty member and prior approval of the department head. Prerequisite: OEEM 150 and consent of instructor. May be repeated for a maximum of 6 credits. Requires a C or better to pass.

OEES—See “ELT”

OEET—Electrical Trades

OEET 110 Basic Electricity and Electronics 4 cr. (3+3P)
An introduction to electricity theory and practice, including electron theory, Ohm’s law, construction of electrical circuits, direct and alternating currents, magnetism, transformers, and practical applications. Same as HVAC 102, ELT 105, OEPB 102.

OEET 130 Introduction to Electrical Power Systems 2 cr.
An overview of electrical power systems, equipment, safety practices, first aid and CPR. Prerequisite: acceptance into the electrical lineman program. Corequisite: OEET 110 and OEET 131. Restricted to majors.

OEET 131 Electrical Lineworker Lab I 6 cr. (12P)
Climbing and work on utility poles using ropes and rigging, pole setting and an introduction to transmission and distribution line construction. Maintenance and troubleshooting to include the use of hot sticks. Prerequisite: acceptance into the electrical lineman program. Corequisite: OEET 110 and OEET 130. Restricted to majors.

OEET 140 Electrical Power Systems II 3 cr. (2+2P)
Theory of power generation and distribution with emphasis on three phase systems to include transformers, voltage regulators, surge arresters. Includes troubleshooting. Prerequisites: acceptance into the electrical lineman program and OEET 130. Corequisite: OEET 141. Restricted to majors.
OEET 141 Electrical Lineworker II  
6 cr. (12P)
Practice in the installation of electrical power lines including transform- 
ers, voltage regulators, and surge arrestors. Also advanced hot sticking pro-
cedures, troubleshooting, underground systems procedures, and pole-top rescue. Prerequisites: Acceptance into the lineman program and OEET 131. Corequisite: OEET 140. Restricted to majors.

OEET 151 Electrical Apprenticeship I  
6 cr.
Apprenticeship responsibilities and benefits as well as first aid and CPR will be covered. Hand tools, electrical theory, and the regulations imposed by national codes and OSHA. Students will apply theory taught in their jobs. Prerequisite: consent of instructor.

OEET 152 Electrical Apprenticeship II  
6 cr.
OEET 223, 224, 225, 251, 252, OEEM 115 or OEEM 120/121, Basic Firefighter

OEET 221 Cooperative Experience I  
1–4 cr.
Supervised cooperative work program. Student is employed in an approved occupation and is supervised and rated by the employer and instructor. Student meets in a weekly class. Graded S/U. Prerequisite: consent of instructor.

OEET 222 Cooperative Experience II  
1–4 cr.
Continuation of OEET 221. Prerequisite: consent of instructor. Graded S/U.

OEET 240 Digital Electronics  
5 cr. (2+6P)
Introduction to digital logic as related to programmable controllers and computers.

OEET 251 Electrical Apprenticeship V  
6 cr.
Commercial/industrial applications for electricians. Blueprint interpretation, 
commercial construction types and processes, wiring methods, wiring mate-
rials, and motor controls. Prerequisites: OEET 153 and consent of instructor.

OEET 252 Electrical Apprenticeship VI  
6 cr.
In-depth commercial applications to include commercial/industrial service 
calculations, mobile home parks, multi-family dwellings, and commercial fire/security systems. Prerequisites: OEET 251 and consent of instructor.

OEET 253 Electrical Apprenticeship VII  
6 cr.
Control devices in commercial/industrial applications; emphasis on logic 
in-line diagrams, time delay starters, reversing starters, and manual/mag-
netic solenoids. Prerequisites: OEET 252 and consent of instructor.

OEET 254 Electrical Apprenticeship VIII  
6 cr.
Miscellaneous topics for the journeyperson electrician to include power 
distribution/transmission, solid state controls and relays, photovoltaic and 
proximity controls and programmable controllers. Prerequisites: OEET 253 
and consent of instructor.

Oefs—Fire Science Technology (New Prefix: FIRE)

FIRE 101 Basic Firefighter  
8 cr. (6+6P)
Basic concepts and methodologies of fire suppression. Meets or exceeds 
NFPA standards.

FIRE 104 Firefighter II  
8 cr. (6+6P)
Advances concepts and methodologies of fire suppression. Meets and ex-
cedes NFPA standards. Prerequisites: FIRE 101, 114, 115, 126, 202, 216, 223, 224, 225, 251, 252, OEEM 115 or OEEM 120/121, Basic Firefighter Certification and approval of instructor.

FIRE 112 Principles of Emergency Services  
3 cr.
This course provides an overview to fire protection and emergency ser-
ices; career opportunities in fire protection and related fields; culture and 
history of emergency services; fire loss analysis; organization and function 
of public and private fire protection services; fire departments as part of lo-
cal government; laws and regulations affecting the fire service; fire service 
nomenclature; specific fire protection functions; basic fire chemistry and 
physics; introduction to fire protection systems; introduction to fire strategy 
and tactics; life safety initiatives. 

FIRE 114 Fire Behavior and Combustion  
3 cr.
Explores the theories and fundamentals of how and why fires start, spread 
and are controlled. Meets or exceeds NFPA standards.

FIRE 115 Hazardous Materials Responder  
4 cr.
Training for personnel expected to respond to and handle defensively, 
emergencies involving hazardous materials in order to protect people, 
property and the environment from as much exposure as possible. Prepara-
tion for Awareness Level I and Operations Level II. Meets or exceeds NFPA 471, 472, 473, OSHA 1910.120 part Q, HMER plan.

FIRE 120 Fire Protection Hydraulics and Water Supply  
3 cr.
This course provides a foundation of theoretical knowledge in order to 
understand the principles of the use of water in fire protection and to apply 
hydraulic principles to analyze and to solve water supply problems.

FIRE 126 Fire Prevention  
3 cr.
This course provides fundamental knowledge relating to the field of fire 
prevention. Topics include: history and philosophy of fire prevention; or-
ganization and operation of a fire prevention bureau; use and application 
of codes and standards; plans review, fire inspection; fire and life safety 
education; and fire investigation.

FIRE 130 Firefighter Safety  
3 cr.
Develops a working knowledge of fire scene safety and the responsibilities 
as a firefighter, as required by NFPA 1500, Standard on Fire Department 
Occupational Safety and Health Program, and adopted by the authority 
having jurisdiction. Prerequisite: consent of instructor. Restricted to majors.

FIRE 201 Independent Study  
1–3 cr.
Research on an approved topic to meet graduation requirements. Meets 
or exceeds NFPA standards. Prerequisite: consent of instructor. May be re-
peated for a total of 9 credits.

FIRE 202 Wildland Fire Control  
1–3 cr.
Focuses on factors affecting wildland fire control and prevention, fire be-
havior, control techniques, command structure and other operations in-
cluding Standards for Survival I-100, S-130 and S-190. Meets or exceeds NWCG Training Curriculum and NFPA 1051 standards.

FIRE 203 Fire and Emergency Services Administration  
3 cr.
This course introduces the student to the organization and management of 
a fire and emergency services department and the relationship of govern-
ment agencies to the fire services department. Emphasis is placed on fire 
and emergency service, ethics, and leadership from the perspective of the 
company officer.

FIRE 210 Building Construction for Fire Protection  
3 cr.
This course provides the components of building construction related to 
firefighter and life safety. The elements of construction and design of struc-
tures are shown to be key factors when inspecting buildings, preplanning 
fire operations, and operating at emergencies.

FIRE 214 Hazardous Materials Technician  
3 cr.
Knowledge and skills about hazardous materials mitigation needed to cer-
tify as a Hazardous Materials Technician Level III. Meets or exceeds NFPA 471, 472, 473 standards, and OSHA 1910.120 part Q, and New Mexico HMER plan. Prerequisite: FIRE 115.

FIRE 216 Hazardous Materials Chemistry  
3 cr.
This course provides basic chemistry relating to the categories of hazard-
ous materials including recognition, identification, reactivity, and health 
hazards encountered by emergency services.

FIRE 220 Cooperative Experience I  
1–3 cr.
Supervised cooperative work program. Student is employed in an approved 
occupation and rated by the employer and instructor. Prerequisite: consent of instructor. May be repeated for a maximum of 6 credits. Graded S/U.

FIRE 221 Cooperative Experience II  
3 cr.
Apply advanced firefighting knowledge and skills while working with fire 
protection agencies. Meets or exceeds NFPA standards. Consent of instruc-
tor required. Graded: S/U. Prerequisite: FIRE 220.

FIRE 222 Aircraft Fire Control  
3 cr.
Provides a broad understanding of airport operations required to effec-
tively perform aircraft firefighting and other emergencies. Meets or exceeds 
NFPA 402, 403, 405 standards.

FIRE 223 Fire Investigations  
3 cr.
Provides the student with theory on the principles of cause and origin de-
termination, preservation of evidence, interview techniques, with special 
emphasis on the firefighter’s role at the fire scene. Meets or exceeds NFPA 921, NFPA 1033 standards.
OEHO 224 Firefighting Tactics and Strategy 3 cr.
Efficient and effective utilization of manpower, equipment, and apparatus.
Preplanning, ground organization problem solving, ground decision and
attack tactics, and strategy as related to structural firefighting. Meets or
exceeds NFPA 1710.

OEHO 225 Fire Protection Systems 3 cr.
Features design and operation of fire detection and alarm systems, includ-
ing heat and smoke control systems, special protection and sprinkler sys-
tems, water supply for fire protection, specialized extinguishing systems
and portable fire extinguishers. Meets or exceeds NFPA standards.

OEHO 226 Fire Investigations II 3 cr.
This course is intended to provide the student with advanced technical
knowledge on the rule of law, fire scene analysis, fire behavior, evidence
collection and preservation, scene documentation, case preparation and
court-room testimony.

OEHO 230 Fire Service Instructor 3 cr.
Provides the instructor candidate with methods and techniques of instruc-
tion including oral communications, preparing lesson plans, writing per-
formance objectives, use of audio and other training aids, and the selec-
tion, evaluation and preparation of performance tests. Meets and exceeds
NFPA 1041 Level I standards.

OEHO 232 Firefighter Internship 3 cr.
Application of knowledge, skills and abilities in a fire service department,
as a firefighter intern and integrated member of a fire affiliated agency. Pre-
requisites: FIRE 101, 102, 115, 202 and EMT-B and consent of instructor.
Restricted to majors.

OEHO 233. Practical Approach to Terrorism 3 cr.
Gives responder an overall safety approach in recognizing and responding
to incidents involving terrorism. Presents an overview in types of harm, ex-
plosive weapons, chemical weapons, biological weapons and radiological
weapons. Cross-listed with: LAWE 233

OEHO 255 Special Topics 1–6 cr.
Topics to be announced in the Schedule of Classes. May be repeated for a
maximum of 6 credits.

OEWT—See “WELD”
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 211G</td>
<td>General Physics I</td>
<td>3 cr.</td>
<td>Non-calculus treatment of mechanics, waves, sound, and heat. Knowledge of simple algebra and trigonometry is required.</td>
</tr>
<tr>
<td>PHYS 211GL</td>
<td>General Physics I Laboratory</td>
<td>1 cr.</td>
<td>Laboratory experiments in topics associated with material presented in PHYS 211G or PHYS 221G. Students wishing to use the PHYS 211G-212 or PHYS 221G-222 sequence to satisfy the basic natural science General Education requirement must register for either PHYS 211G or PHYS 212G. Corequisite: PHYS 211G or PHYS 212G. General Physics II 3 cr. Non-calculus treatment of electricity, magnetism, and light. Prerequisite: PHYS 211G.</td>
</tr>
<tr>
<td>PHYS 212G</td>
<td>General Physics II</td>
<td>3 cr.</td>
<td>Non-calculus treatment of electricity, magnetism, and light. Prerequisite: PHYS 211G or equivalent.</td>
</tr>
<tr>
<td>PHYS 212GL</td>
<td>General Physics II Laboratory</td>
<td>1 cr.</td>
<td>Laboratory experiments in topics associated with material presented in PHYS 212G or 222G. Students wishing to use the PHYS 211G-212G or PHYS 221G-222G sequence to satisfy the basic natural science General Education requirement must register for either PHYS 211G or PHYS 212G. Corequisite: PHYS 212G.</td>
</tr>
<tr>
<td>PL S 165</td>
<td>The American Legal System</td>
<td>3 cr.</td>
<td>A study of the American judicial system with a focus on New Mexico's judicial system; history of Anglo-American law, organization of the modern legal system, and trends in the legal profession.</td>
</tr>
<tr>
<td>PL S 170</td>
<td>Paralegal Student Organization</td>
<td>1 cr.</td>
<td>One-credit course for program majors with focus on various aspects of the legal assistant profession. Promotes personal growth and leadership development through community networking and service. May be repeated for a maximum of 3 credits.</td>
</tr>
<tr>
<td>PL S 180</td>
<td>Constitutional Law for the Paralegal</td>
<td>3 cr.</td>
<td>Case standing of the law of the Constitution and Bill of Rights with regard to day-to-day applications in the law practice. Documents dealing with constitutional problems in both civil and criminal areas of law will be drafted and discussed. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 181</td>
<td>Alternate Dispute Resolution</td>
<td>3 cr.</td>
<td>Survey of the various alternate methods of dispute resolution such as negotiation, mediation, and arbitration.</td>
</tr>
<tr>
<td>PL S 190</td>
<td>Criminal Law for the Paralegal</td>
<td>3 cr.</td>
<td>Introduction to federal and state criminal law; criminal proceedings, prosecution and defense, sentencing and appeal. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 200</td>
<td>Legal Ethics for the Paralegal</td>
<td>2 cr.</td>
<td>Introduction to ethical dilemmas faced in the workforce and the rules of ethics developed by the American Bar Association, various national paralegal organizations, and the Supreme Court of New Mexico.</td>
</tr>
<tr>
<td>PL S 201</td>
<td>Legal Office Procedures I</td>
<td>3 cr. (2+2P)</td>
<td>Same as BOT 201.</td>
</tr>
<tr>
<td>PL S 203</td>
<td>Immigration Law</td>
<td>3 cr.</td>
<td>Survey of the basics of immigration law including the rights and obligations of citizenship and the naturalization process. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 204</td>
<td>Computers in the Law Office</td>
<td>3 cr.</td>
<td>Introduction to and development of vital computer skills for the paralegal professional. Materials and assignments are designed to illustrate commonly used computer applications and procedures encountered in the law office. Prerequisites: PL S 160 and OECS 105.</td>
</tr>
<tr>
<td>PL S 205</td>
<td>Legal and Ethical Issues for the Web</td>
<td>2 cr.</td>
<td>Legal, ethical, copyright, and privacy issues specific to the Internet.</td>
</tr>
<tr>
<td>PL S 206</td>
<td>Elder Law</td>
<td>3 cr.</td>
<td>Survey of the various legal areas which impact senior citizens such as Social Security, Medicare, Medicaid, age discrimination, estate planning, and residential care. Prerequisite: PL S 276.</td>
</tr>
<tr>
<td>PL S 212</td>
<td>Legal Office Procedures II</td>
<td>3 cr. (2+2P)</td>
<td>Same as BOT 212. Prerequisite: PL S 201.</td>
</tr>
<tr>
<td>PL S 221</td>
<td>Cooperative Experience I</td>
<td>2–4 cr.</td>
<td>Student employed in approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: PL S 274. Restricted to majors.</td>
</tr>
<tr>
<td>PL S 222</td>
<td>Cooperative Experience II</td>
<td>1–3 cr.</td>
<td>Continuation of PL S 221. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: PL S 221. Restricted to majors.</td>
</tr>
<tr>
<td>PL S 231</td>
<td>The Law of Commerce for the Paralegal</td>
<td>3 cr.</td>
<td>Law of agency, commercial paper, personal property, consumer rights. Student will study and draft documents relevant to these fields and consider their application and use in routine law practice. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 255</td>
<td>Special Topics</td>
<td>1–4 cr.</td>
<td>Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 6 credits.</td>
</tr>
<tr>
<td>PL S 264</td>
<td>Real Estate Law</td>
<td>3 cr.</td>
<td>Same as BMGT 264 (cross-listed).</td>
</tr>
<tr>
<td>PL S 270</td>
<td>Administrative Law for the Paralegal</td>
<td>3 cr.</td>
<td>A study of the substantive law, procedures, and forms involved in practice before governmental agencies including worker's compensation, social security, employment security, and state and local administrations. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 272</td>
<td>Bankruptcy Law for the Paralegal</td>
<td>3 cr.</td>
<td>Individual and corporate bankruptcy; the basic principles and processes of bankruptcy law as a system of debtor relief and debt collection. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 274</td>
<td>Legal Research and Writing for the Paralegal I</td>
<td>3 cr.</td>
<td>Legal memoranda, briefs, and pleadings will be prepared and written based on the student's original research. Research materials and techniques will be identified and studied; introduction of computer usage in legal research. Prerequisite: PL S 160 and ENGL 111G.</td>
</tr>
<tr>
<td>PL S 275</td>
<td>Tort and Insurance for the Paralegal</td>
<td>3 cr.</td>
<td>Primary legal principles of tort and insurance law and means of establishing insurance plans, types of torts and insurance, as well as use of specific forms and procedures relating to these areas. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 277</td>
<td>Family Law for the Paralegal</td>
<td>3 cr.</td>
<td>Methods of conducting client interviews and drafting of pleadings and research relative to families. Laws relating to marriage, divorce, custody, support, adoption, name change, guardianship, and paternity. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 278</td>
<td>Litigation for the Paralegal</td>
<td>3 cr.</td>
<td>The law of procedure and evidence will be considered through rules and cases. Case situations will be used to identify and solve problems. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 279</td>
<td>Legal Research and Writing for the Paralegal II</td>
<td>3 cr.</td>
<td>Continuation of PL S 274. Advanced training in legal research problems with a focus on analysis, writing, and preparation of sophisticated legal memoranda and documents. Prerequisite: PL S 274.</td>
</tr>
<tr>
<td>PL S 280</td>
<td>Interviewing and Investigation for the Paralegal</td>
<td>3 cr.</td>
<td>Techniques of legal interviewing and investigation with emphasis on development of human relations and communication skills. Prerequisite: PL S 160.</td>
</tr>
<tr>
<td>PL S 298</td>
<td>Independent Study</td>
<td>3 cr.</td>
<td>Individual studies directed by consenting faculty with prior approval by department head. Prerequisite: PL S 160. May be repeated for maximum of 6 credits. Restricted to majors.</td>
</tr>
</tbody>
</table>
**PSY—Psychology**

**PSY 201G Introduction to Psychology** 3 cr. (3+3P)
Methods and principles of behavior. Topics include human evolution and development, biopsychology, perception, learning, thinking, motivation, social interaction, and the diagnosis and treatment of abnormal behavior.

**PSY 205 Introduction to Developmental Psychology** 3 cr.
Development of social, emotional, and intellectual aspects of human behavior, with emphasis on the childhood years.

**PSY 266 Applied Psychology** 3 cr.
Explanation of the psychological principles of everyday living. Emphasizes motivation, learning of intelligent behavior, and applications of psychology to social issues.

**RADT—Radiologic Technology (formerly OERT)**

**NOTE:** All RADT courses are restricted to Radiologic Technology majors.

**RADT 100 Introduction to Radiologic Technology and Patient Care** 2 cr.
Overview of the profession, including ethics, terminology, and basic radiation protection. Addresses basic and specialized procedures and topics related to the care of the patient.

**RADT 101 Radiographic Positioning I** 4 cr. (2+6P)
Covers radiographic procedure and positioning concepts, techniques, terminology, and mechanics related to the thorax, abdomen, extremities, spine and pelvis. Includes positioning lab and clinical observation. Prerequisite: RADT 101.

**RADT 102 Radiographic Positioning II** 4 cr. (2+6P)
Continuation of RADT 101. Includes skull, gastrointestinal, urinary, reproductive, biliary systems, and more advanced skeletal positions. Includes positioning lab and clinical observation. Prerequisite: RADT 101.

**RADT 103 Introduction to Radiographic Imaging** 3 cr. (2+2P)
Provides the student with an in-depth knowledge of radiographic exposure technique and the factors affecting radiographic film quality. Includes lab experiments. Prerequisite: RADT 103.

**RADT 104 Special Radiologic Modalities** 2 cr.
Discussion of various special procedures used in medical imaging such as, angiography, ultrasound, computerized tomography, magnetic resonance imaging, digital imaging, nuclear medicine, radiation therapy, etc. Includes guest lectures and field trips. Prerequisite: RADT 203.

**RADT 105 Radiographic Physics and Equipment** 3 cr.
Fundamentals of rad physics. Includes electromagnetism, x-ray production and interactions, x-ray circuitry, tubes, grids, screens, AES, fluoroscopic and portable units, beam restricting devices, calibration and quality assurance/control. Overview of mammography, US, CT, MRT, and digital radiography. Prerequisite: RADT 103 or consent of instructor.

**RADT 106 Introduction to Clinical Education in Radiology** 6 cr. (40P)
Introduction to basic policies and procedures in clinical settings; hands-on clinical hours. Prerequisite: RADT 102.

**RADT 110 Radiographic Pathology** 1 cr.
Overview of pathology demonstrated by radiographic procedures. Prerequisite: RADT 154.

**RADT 154 Radiographic Anatomy and Physiology** 3 cr.
Basic AP for radiographic application. Includes a systems approach to body structures and organs as they relate to anatomical projections, radiographic identification, and various imaging modalities. Prerequisite: OEOH 153 or BIOL 154 or consent of instructor.

**RADT 156. Independent Study** 1–6 cr.
Individual studies/research on topics related to the radiological sciences. May be repeated for a maximum of 6 credits.

**RADT 200 Radiation Biology and Protection** 1 cr.
Biological effects of ionizing radiation on cells and tissues. Includes radiation measurement, policies and protection measures for self, patients, and others. Prerequisite: RADT 105.

**RADT 201 Clinical Education I** 6 cr. (40P)
Supervised practice in a radiology department under direct supervision of a registered technician. Includes film critiques. Prerequisite: RADT 106.

**RADT 202 Clinical Education II** 11 cr. (36P)
Continuation of RADT 201. Student will work under indirect supervision of registered personnel. Prerequisite: RADT 201.

**RADT 203 Clinical Education III** 10 cr. (34P)
Continuation of RADT 202. Prerequisite: RADT 202.

**RADT 205 Radiographic Image Critique** 1 cr.
Review of radiographs produced in clinical settings to evaluate anatomy and technical issues. Prerequisite: RADT 201.

**RADT 206 Applied Radiographic Procedures** 2 cr. (1+3P)
Advanced course which integrates the principles and techniques of radiologic technology. Prerequisite: RADT 202.

**RESP—Respiratory Therapy (formerly OERC)**

**NOTE:** All RESP courses are restricted to Respiratory Therapy majors.

**RESP 110 Respiratory Therapy I** 3 cr.
Introduction to basic respiratory care techniques. Includes history, professional organizations, medical gas administration, oxygen therapy, cardiopulmonary AP, patient assessments, and medical terminology. Requires a C or better to remain in program. Prerequisite: Admission to program. Corequisite: RESP 110L.

**RESP 110L Respiratory Therapy I Lab** 2 cr.
Laboratory practice of basic respiratory care procedures. Requires a C or better to remain in program. Prerequisite: Admission to program. Corequisite: RESP 110.

**RESP 111 Respiratory Therapy Cardio Pulmonary Diseases** 3 cr.
Introduction to basic respiratory care techniques and concepts of physics as they apply to the physiology of the lung.

**RESP 115 Respiratory Therapy Pharmacology** 3 cr.
Concepts of physics as they apply to the physiology of the lungs. Emphasis on laws pertaining to gas, gas flow, humidity, and the mechanics of the breathing process. Requires a C or better to remain in program. Prerequisite: Admission to program.

**RESP 120 Respiratory Therapy II** 3 cr.
Advanced respiratory care techniques. Emphasis on airway management, aerosol treatment, chest physiotherapy, pharmacology, posture pressure breathing, and pulmonary rehabilitation. Requires a C or better to remain in program. Prerequisites: Admission to program and RESP 110L. Corequisite: RESP 120L.

**RESP 120L Respiratory Therapy II Lab** 2 cr. (6P)
Continuation of lab practices and procedures learned in RESP 120, Respiratory Care II, using equipment and simulations. Requires a C or better to remain in program. Prerequisites: RESP 110, 110L and 112. Corequisite: RESP 120.

**RESP 124 Respiratory Therapy II Clinical** 3 cr. (9P)
Supervised practice and application in a hospital setting. Requires a C or better to remain in program. Prerequisites: Admission to program, RESP 110, 110L and 112. Corequisites: RESP 120 and 120L.

**RESP 125 Respiratory Therapy Physics** 3 cr.
Concepts of physics as they apply to the physiology of the lungs. Emphasis on laws pertaining to gas, gas flow, humidity, and the mechanics of the breathing process. Requires a C or better to remain in program. Prerequisite: Admission to program.

**RESP 155 Respiratory Therapy Special Topics** 1-4 cr.
Topics to be announced in the Schedule of Classes. May be repeated for a maximum of 10 credits. Consent of instructor required. Prerequisite: Admission to program.

**RESP 210 Respiratory Therapy III** 2 cr.
Introduction to adult, mechanical, neonatal ventilator theory and concepts of critical care medicine. Requires a C or better to remain in program. Prerequisites: Admission to program, and RESP 115, 120, 120L, and 124. Corequisite: RESP 210L.

**RESP 210L Respiratory Therapy III Lab** 2 cr.
Advanced practice procedures using mechanical ventilation devices. Requires a C or better to remain in program. Prerequisites: Admission to program, and RESP 115, 120, 120L, and 124. Corequisite: RESP 210.

**RESP 224 Respiratory Therapy IV Clinical** 3 cr. (9P)
Continuation of RESP 214. Emphasis on mechanical ventilators. Requires a C or better to remain in program. Prerequisites: Admission to program, and RESP 115, 120, 120L, and 124.
RESP 230 Respiratory Therapy V 3 cr.
Continuation of RESP 215. Emphasis on special modalities. Requires a C or better to remain in program. Prerequisites: Admission to program, and RESP 220, 220L, 222 and 224. Corequisite: RESP 230.

RESP 230L Respiratory Therapy V Lab 2 cr.
Advanced practice and procedures of respiratory care. Requires a C or better to remain in program. Prerequisites: RESP 210, 210L and 224. Corequisite: RESP 230.

RESP 233 Respiratory Therapy Cardiopulmonary 2 cr.
Concepts of physics as they apply to the physiology of the lung. Emphasis on laws pertaining to gas flow, humidity, and the mechanics of the breathing process. Requires a C or better to remain in program. Prerequisites: RESP 220, 220L, 222 and 224.

RESP 234 Respiratory Therapy V Clinical 3 cr.
Continuation of RESP 214. Emphasis on special modalities. Prerequisite: Admission to program. Corequisites: RESP 230 and 230L.

RESP 240 Respiratory Therapy VI 3 cr.
Advanced theory of hemodynamics, neonate, pediatric, and new specialties that apply to respiratory care. Requires a C or better to remain in program. Prerequisites: Admission to program, and RESP 230, 230L, 233 and 234. Corequisite: RESP 240L.

RESP 240L Respiratory Therapy VI Lab 2 cr. (6P)
Advanced laboratory practice and procedures. Requires a C or better to remain in program. Prerequisites: Admission to program, and RESP 230, 230L, 233 and 234. Corequisite: RESP 240.

RESP 242 Pediatric Advanced Life Support (PALS) 1 cr.

RESP 243 Respiratory Therapy Neonatal Resuscitation 1 cr.

RESP 244 Respiratory Therapy VI Clinical 3 cr. (9P)
Clinical experience on special modalities. Requires a C or better to remain in program. Prerequisites: Admission to program, and RESP 230, 230L, 233 and 234. Corequisites: RESP 240.

RESP 246 Respiratory Therapy Board Prep 1 cr.
Comprehensive review of respiratory therapy topics. Students will take practice exams that cover the materials needed to be successful on the RRT, CRT and SAE exams as required by the National Board and Respiratory Care. Prerequisite: Admission to Program. Graded S/U.

RESP 255 Respiratory Therapy Special Topics 1-4 cr.
Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 4 credits. Consent of instructor required. Prerequisite: Admission to program.

RESP 260 Polysomnography I 3 cr.
Optional program of study for students interested in Polysomnographic technology. Provides didactic training for entry-level personnel in the basics of Polysomnographic technology. Familiarization with medical terminology, instrumentation setup and calibration, recording and monitoring techniques, documentation, professional issues, and technologist interactions related to Polysomnographic technology. Prerequisite: Completion of RESP program. Corequisites: RESP 262, 264 and 266.

RESP 262 Polysomnography II 3 cr.
Expands on topics covered in Polysomnographic Technology I. Covers all aspects of sleep scoring and event recognition, instrumentation setup and calibration. Provides practice experience in high quality sleep recording. Requires a C or better to remain in program. Prerequisite: Completion of RESP program. Corequisites: RESP 260, 264 and 266.

RESP 298 Respiratory Therapy Independent Study 1–10 cr.
Individual study for respiratory care majors. Chosen topics must have approval of program coordinator. May be repeated for a maximum of 10 credits. Prerequisite: RESP 110.

SOC—Sociology

SOC 101G Introductory Sociology 3 cr.
Introduction to social theory, research, methods of analysis, contemporary issues in historical and cross-cultural contexts. Covers groups, deviance, inequality, family, gender, social change, and collective behavior.

SOC 201G Contemporary Social Problems 3 cr.
Introduction to the fundamentals of social analysis through the analysis of contemporary American social problems. Emphasis on methods of analysis and cross-national comparisons showing that the social problems studied are common to all societies. Covers racism, violence, poverty, crime, health care, and substance abuse.

SOC 248 Special Topics 1–3 cr.
Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

SOC 273 Sex and Gender 3 cr.
Analysis of changes, behaviors, and stereotypes of women and men in contemporary Western societies. Same as W S 273.

SPAN—Spanish

SPAN 111 Elementary Spanish I 4 cr.
Spanish for beginners. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination.

SPAN 112 Elementary Spanish II 4 cr.
Spanish for beginners. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination or C or better in SPAN 111.

SPAN 211 Intermediate Spanish I 3 cr.
Speaking, reading, and writing. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination or C or better in SPAN 112.

SPAN 212 Intermediate Spanish II 3 cr.
Speaking, reading, and writing. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination or C or better in SPAN 211.

SPAN 213 Spanish for Heritage Speakers I 3 cr.
Emphasis on development of heritage language skills learned at home and/or in the community. Covers spoken Spanish, reading activities, and grammatical skills to build on existing knowledge of the language.

SPAN 214 Spanish for Heritage Speakers II 3 cr.
Continued development of heritage Spanish language skills learned at home and/or in the community. Emphasis on reading, writing, and critical thinking skills. Review of grammar points will also be stressed in preparation for upper level courses.

STAT—Statistics

STAT 251G Statistics for Business and the Behavioral Sciences 3 cr.
Techniques for describing and analyzing data; estimation, hypothesis testing, regression and correlation; basic concepts of statistical inference. Prerequisite: MATH 120 (see note above.) Same as ST 251G.

SUR—Surveying Engineering

SUR 222 Plane Surveying 3 cr. (2+3P)
Surveying theory and practice as applied to plane surveying, in these areas: error propagation, linear measurements, area determination, differential and trigonometric leveling, and topographic mapping. Prerequisite: MATH 190G.

THTR—Theatre Arts

THTR 101G World of Theatre 3 cr.
An appreciation class introducing the non-major to all aspects of theatre. Playwrights, directors, actors, and designers visit the class. Students attend and report on main-stage productions.

THTR 105 Acting for Non-Majors 3 cr.
An introduction to basic performance techniques for non-majors.

W S—Women's Studies

W S 201G Introduction to Women's Studies 3 cr.
Analysis of the status of women in society today and history and consequences of gender stratification and inequality from the perspectives of sociology, anthropology, psychology, political science, and other sciences.
W S 202G Representing Women Across Cultures 3 cr.
   Historical and critical examination of women’s contributions to the humanities, with emphasis on the issues of representation that have contributed to exclusion and marginalization of women and their achievements.

WATR—Water Technology (formerly OEWT)

WATR 222 Water Systems Operation 1 cr. (3P)
   Operations of various water treatment systems including surface water treatment, sodium zeolite softeners, and various filtration methods. Prerequisite: WATR 220 or consent of instructor.

WATR 230 Advanced Wastewater Treatment 4 cr.
   Calculations and operations involved in wastewater and water reclamation plants. Prerequisites: WATR 140, 190, and 192, or consent of instructor.

WATR 232 Wastewater Systems Operations 1 cr. (3P)
   Operation of pretreatment, primary, and biological treatment units. Prerequisite: WATR 230 or consent of instructor.

WATR 240 Advanced Water and Wastewater Math II 3 cr. (2+2P)
   Advanced water and wastewater mathematics. Flow measurement. Systems head and pump curves. Prerequisites: WATR 140.

WATR 250 Municipal Systems Management 4 cr.
   Management of water utility systems including laws, finance, records, and safety. Prerequisites: WATR 120 and 130.

WATR 255 Special Individualized Problems in Water Technology 1–4 cr.
   Individual studies in areas directly related to water technology. Prerequisite: consent of instructor.

WATR 270 Special Topics 1–4 cr.
   Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

WATR 275 Certification Review 3 cr.

WATR 285 High Purity Water Treatment Systems 3 cr.
   Principles of high purity water production including microfiltration, ultrafiltration, reverse osmosis, and deionization. Prerequisite: WATR 220.

WATR 286 Advanced High Purity Water Systems Operation 3 cr.
   Operations of high purity water systems including ultrafiltration, reverse osmosis and deionization. Prerequisite: WATR 220. Corequisite: WATR 285.

WATR 287 Advanced Water Chemistry Analysis 3 cr. (6P)
   Sampling techniques, analysis, and evaluation of potable water contaminants using gravimetric, volumetric, spectrophotometric, and other instrumentation methods. Prerequisite: WATR 285 or consent of instructor.

WATR 290 Advanced Wastewater Microbiology and Chemistry 3 cr.
   Covers NPDES permits and DMR calculations and reporting; 503 sludge regs, including pathogen and vector attraction reduction and pollutants; wetlands, composting, and wastewater treatment pond microbiology; activated sludge bulking and foaming microbiology and treatment; and use of selector to remove nutrients and prevent the growth of filamentous bacteria. Prerequisite: WATR 190 and 192.

WATR 292 Advanced Wastewater Analysis 3 cr. (6P)
   Covers sampling techniques, analysis, and evaluation of wastewater contaminants using gravimetric, volumetric, spectrophotometric, and other instrumentation methods. Prerequisite: WATR 190 and 192.

WELD—Welding Technology (formerly OEWT)

WELD 100 Structural Welding I 6 cr. (3+6P)
   Development of basic skills in SMAW, OFC, and OFW in accordance with the AWS entry-level welder program.

WELD 102 Welding Fundamentals 3 cr. (2+2P)
   Survey of welding and cutting processes for nonmajors. Classroom instruction and laboratory work with OGC/OFC, SMAW, GMAW, FCAW, and plasma arc cutting.

WELD 110 Blueprint Reading (Welding) 3 cr.
   Interpretation of prints related to welding. Emphasis on AWS standard symbols for welding, brazing, and nondestructive examination.

WELD 115 Structural Welding II 6 cr. (3+6P)
   Continuation of WELD 100. Emphasis on AWS entry and advanced level welder skills with SMAW, including all-position welding with mild and stainless steel electrodes. Plasma arc and air-carbon arc cutting, metal-lurgy, heat treatment, and weld defects. Prerequisite: WELD 100.
WELD 120 Basic Metallurgy 3 cr.
Properties of ferrous and nonferrous materials. Service conditions and heat treatment of metals related to welding trade. Prerequisites: WELD 100 or consent of instructor.

WELD 125 Introduction to Pipe Welding 3 cr. (2+2P)
Pipe fit-up and welding techniques for pipe fittings and pipe weld joint using SM, GMAW, and GTAW. Out-of-position fit-up and welding of pipe. Prerequisites: WELD 100, WELD 130, and WELD 140, or consent of instructor.

WELD 130 Introduction to GMAW (MIG) 3 cr. (2+2P)
Development of basic skills with gas metal arc welding (MIG) in accordance with AWS entry-level welder objectives. Wire electrodes, shielding/purge gases, and modes of metal transfer.

WELD 140 Introduction to GTAW (TIG) 3 cr. (2+2P)
Development of basic skills with gas tungsten arc welding (TIG) in accordance with AWS entry/advanced welder objectives. Welding mild steel, tungsten electrode preparation, filler wire selection, and equipment set-up.

WELD 150 Pipe Welding II 3 cr. (2+2P)
Continuation of WELD 125; with fillet and groove welded joints in a horizontal fixed and 45-degree fixed positions (5-F, 5-G, 6-F, 6-G). Prerequisite: WELD 125.

WELD 160 Introduction to SAW and FCAW 3 cr. (2+2P)
Submerged arc and flux-cored arc welding. Demonstrations and practice with both hand-held and machine travel submerged arc welding (SAW). Flux-cored arc welding (FCAW) on mild steel plate and pipe.

WELD 170 Welded Fabrication 3 cr. (1+4P)
Development of fabrication skills including basic layout, measuring, and utilization of various welding processes including out-of-position welding. Use of common shop tools. Prerequisites: WELD 100, 110, and 130, and OETS 104 or OETS 118.

WELD 180 GTAW II 3 cr. (2+2P)
Continuation of WELD 140. Development of more advanced GTAW skills. Emphasis on pipe welding with mild steel, stainless steel, and aluminum. Prerequisite: WELD 140 or consent of instructor.

WELD 190 Welded Art 3 cr. (1+4P)
Students explore the possibilities of welded art in the form of sculpture, jewelry, furniture and as a framework to support other art media. Offered as an elective for students who wish to create art using welding. Prerequisite: WELD 102 or consent of instructor.

WELD 211 Welder Qualification 6 cr. (3+6P)
Laboratory and classroom instruction on AWS and ASME Welder Performance Qualification Tests. All position plate and pipe techniques and tests for SM, GMAW, GTAW, FCAW, and SAW. Nondestructive and destructive examination methods. Basics of welding codes. Prerequisites: OETS 104 or 118; and WELD 100, 110, 120, 130, 140, 160 and 180 or consent of instructor. Restricted to majors.

WELD 221 Cooperative Experience I 1–6 cr.
Supervised cooperative work program. Student is employed in an approved occupation and supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisites: WELD 100 or 101 and consent of instructor. Restricted to majors.

WELD 225 Stainless Steel Welding 6 cr.
A specialized training course for qualified, experienced welders who desire to meet certification requirements of ASME Section IX (American Society of Mechanical Engineers).

WELD 230 Weld Testing 3 cr. (2+2P)
Covers destructive and nondestructive examination methods used to test welds. Tensile, compression, bend, hardness, impact, visual, dye-penetrant, magnetic particle, ultrasound, and radiographic methods of testing/examination. Prerequisites: WELD 100, WELD 130, WELD 140, WELD 211, and CCDM 104N, or consent of instructor.

WELD 255 Special Problems in Welding Technology 1–6 cr.
Individual studies in areas of welding technology. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

WELD 295 Special Topics 1–4 cr.
Topics to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.
1 INTRODUCTION

1.1 Purpose—The freedom of individuals to inquire, study, evaluate, and gain new understanding and maturity is essential and must be protected against suppression. Dissent plays a vital part in the role of higher education. However, freedoms cannot be protected or exercised in an institution that lacks order and stability. Students enrolled at New Mexico State University, as well as at Doña Ana Community College, have an obligation to uphold the laws of the larger community of which they are a part. The intent of this Code is to ensure that students of the New Mexico State University system neither lose their rights nor escape the responsibility of citizenship. While the activities covered by the laws of the larger community and those covered by NMSU's rules may overlap, it is important to note that the community's laws and NMSU's rules operate independently and therefore do not substitute for each other. NMSU-DACC may pursue enforcement of its own rules whether or not legal proceedings are underway or in prospect, and may use information from third party sources (such as law enforcement agencies and the courts) to determine whether NMSU rules have been broken. Membership in the NMSU-DACC community does not exempt anyone from local, state or federal laws, but rather imposes the additional obligation to abide by all of NMSU's regulations. It is the personal responsibility of every member of the campus community not only to protect his/her own rights, but to respect the rights of others, and to behave in a manner conducive to learning and/or living in an educational environment. Just as individuals within the community have a responsibility to adhere to a code of prescribed behavior, the institution assumes the obligation of clearly codifying and fairly enforcing the same. New Mexico State University upholds the belief that those who do not conform to established standards set forth in this Code of Conduct must be held accountable for their actions. Therefore, the purpose of the Code of Conduct is to inform the student body of the rules and regulations that are essential to the normal operation of the university system.

1.2 Definition of Student—For the purpose of application of this Code of Conduct, “student” means any person enrolled in the New Mexico State University system and any person who resides in New Mexico State University on-campus housing facilities. Persons who are not officially enrolled for a particular term but who have a continuing relationship with NMSU-DACC are considered “students.” Students who violate the Code of Conduct can expect prompt and deliberate adjudication, whether or not they choose to be present, or remain at NMSU-DACC. Furthermore, if a decision has been made within the disciplinary process which impacts a person who is not currently enrolled, he/she still remains subject to the determination upon re-enrollment.

1.3 Student/Student Organization Rights and Responsibilities—By enrolling at Doña Ana Community College, a student accepts responsibility for compliance with all local, state and federal laws, and university regulations, while retaining the rights guaranteed under the Constitution of the United States. A student or student organization alleged to have engaged in any misconduct shall have the right of due process and appeal as delineated in this Code, and it is each student's/student organization's responsibility to represent themselves in this educational administrative process. This is not a criminal process, and NMSU-DACC is not bound by the rules of evidence normally used in cases brought before the State or Federal judicial systems. The standard of proof will be “preponderance” not “beyond a reasonable doubt.” NMSU and DACC expect all students to show respect for the rights of others and for authority, to protect private and public property, to execute contractual obligations, and to take responsibility for their own actions and the actions of their guests.

1.4 Student Organizations—A student organization, its officers, and its members may be held collectively and individually responsible when violations of this Code, by those associated with the organization, occur and such violations are authorized, encouraged, directed, tolerated, supported by, or committed on behalf of the organization.

1.5 Programs with Special Admissions Requirements. (Dental Assistant, Dental Hygiene, Diagnostic Medical Sonography, EMS/Paramedic, Health Care Assistant, Nursing, Radiologic Technology, and Respiratory Care)—Students who have selected a program with special admissions requirements may be subject to background checks and additional regulations not included in the general regulations set forth in this Handbook. Such students should consult the handbook of their particular program.

2 ADMINISTRATION OF DISCIPLINE

The responsibility of administering the discipline system is delegated by the President of Doña Ana Community College to the Vice-President for Student Services for nonacademic discipline and to the Vice-President for Academic Affairs for academic discipline. In turn, these individuals may delegate authority to other groups or individuals for handling violations of the Student Code of Conduct. All actions of NMSU-DACC are subject to the authority of an administrative authority to ensure fairness and consistency. All discipline sanctions imposed campus-wide will be reported to the Vice-President for Student Services for record-keeping purposes.

Doña Ana Community College attempts to handle discipline matters at the lowest possible level by recognizing a variety of Hearing Officers. Each Hearing Officer is a DACC Official who is an administrator, faculty member, or staff member such as a Department Chairperson or Professional Staff Member. Hearing Officers adjudicate cases when violations are alleged. The Hearing Officer is authorized to exercise active control over the proceedings in order to elicit relevant information, to avoid needless consumption of time, and to prevent the harassment or intimidation of witnesses.

Disciplinary regulations at Doña Ana Community College are set forth in writing in order to give students general notice of prohibited conduct. These rules and regulations should be read broadly and are not designed to define prohibited conduct in exhaustive terms. It is recognized by New Mexico State University and Doña Ana Community College that students are adults and are expected to obey the law and take personal responsibility for their conduct. A student is therefore subject to two sources of authority, civil/criminal authority and NMSU-DACC authority. Violation of any municipal ordinance, law or regulation of the State of New Mexico, or law or regulation of the United States which may cause harm or endangerment to self or others, or somehow compromises the educational mission of the College or University, may result in disciplinary action. The College/University does not normally take disciplinary action for off-campus violations, but it retains the right to act in special cases. Disciplinary action imposed by NMSU-DACC may precede, and be in addition to, any penalty that might be imposed by an off-campus authority.

When accused of a violation, the student has the right to review the evidence against him or her, but this does not necessarily mean the right to confront a witness. Attorneys will not be allowed to attend or participate in hearings.

The procedures to be followed in matters of academic and nonacademic misconduct differ and are outlined in the following sections. In exceptional cases of academic misconduct, the “Procedures for Dealing with Cases which May Result in Expulsion or Degree Revocation” will be followed instead, and may be found in the Administrative Policy and Procedures Manual, or may be obtained in the Office of the Vice President for Student Services.

3 ACADEMIC MISCONDUCT

3.1 Persons and/or groups involved in Academic Discipline Cases

3.1.1 Vice-President for Academic Affairs—When an academic violation occurs, the Vice-President for Academic Affairs (or a designee) will dispose of any violations referred or appealed to the Dean’s Office.

3.1.2 Academic Appeals Board—A student appeals board shall be established for each academic year as a standing committee consisting of three (3) faculty members and two (2) students to be appointed by the Vice-President for Academic Affairs. In some cases, the Vice-President for Academic Affairs may convene the Appeals Board and solicit its recommendation.

3.1.3 The decision of the Vice-President for Academic Affairs is final and will be reported to all parties concerned within three (3) working days under the general process.
3.2 Academic Misconduct—Any student found guilty of academic misconduct shall be subject to disciplinary action. Academic misconduct includes, but is not limited to, the following actions:

3.2.1 Cheating or knowingly assisting another student in committing an act of cheating or other forms of academic dishonesty;

3.2.2 Plagiarism, which is using another person’s work without acknowledgment and making it appear to be one’s own. Any ideas, words, pictures, or other source material must be acknowledged in a citation that gives credit to the source. This is true even if the source be another student’s work, unpublished documents, oral statements, or the Internet. Intentional and unintentional instances of plagiarism are considered instances of academic misconduct. It is the responsibility of the student submitting the work in question to know, understand, and comply with this policy. If no citation is given, then borrowing any of the following would be an example of plagiarism:

- an idea or opinion, even when put into one’s own words (paraphrase)
- a few well-said words, if these are a unique insight
- many words, even if one changes most of them
- materials assembled by others, for instance quotes or a bibliography
- an argument
- a pattern of idea
- graphs, pictures, or other illustrations
- facts
- all or part of an existing paper or other resource

This list is not meant to include all possible examples of plagiarism. See the University Library’s Web page on plagiarism for further examples.

3.2.3 Unauthorized possession of examinations, reserve library materials, laboratory materials, or other course-related materials;

3.2.4 Unauthorized changing of grades on an examination, in an instructor’s grade book, or on a grade report; or unauthorized access to academic computer records;

3.2.5 Nondisclosure or misrepresentation in filling out applications or other NMSU-DACC records in or for academic departments or colleges. Students who engage in disruptive activities in an academic setting (e.g., classrooms, academic offices, or academic buildings) are subject to disciplinary action in accordance with Section 4, “Non Academic Misconduct—All Students.” Such students are also subject to administrative actions in accordance with the DACC Catalog.

3.3 Academic Discipline Process—General Cases

3.3.1 Course or Departmental Level—For incidents that occur at the course or academic department level, the faculty member or department chair must inform the student of the alleged offense within ten (10) working days of its discovery, and after an investigation and/or conference, will take one of the following actions:

3.3.1-A The allegation may be dismissed as unfounded;

3.3.1-B The allegation may be dismissed for lack of evidence;

3.3.1-C The student may admit guilt and a sanction will be imposed;

3.3.1-D The Hearing Officer will determine guilt based on preponderance of the evidence, and a sanction will be imposed; or

3.3.1-E The Hearing Officer will report the decision to the student and to the Vice-President for Academic Affairs.

3.3.2 Other Academic Misconduct—For those incidents involving academic misconduct not at the course level (e.g., falsification of academic records), the Vice-President for Academic Affairs, or a designee, will serve as the Hearing Officer and will follow the same process as outlined above.

3.3.3 Appeal Process

3.3.3-A All possible levels of appeal should be exhausted before a case reaches the Vice-President for Academic Affairs. The student must always be advised as to the next level of appeal.

3.3.3-B A student who wishes to appeal an instructor’s decision may do so by writing to the course department chair (Division Dean, if instructor is also Department Chair) within five (5) working days. The appropriate Hearing Officer will consider both sides of the case and report the decision to the student, the course instructor, the Department Chair, the corresponding Division Dean, the Vice-President for Academic Affairs, and the Vice-President for Student Services within ten (10) working days. If extenuating circumstances prevent either party from meeting this time frame, an alternate schedule will be formulated by all parties involved.

3.3.3-C Either party may appeal a Department Chair’s decision to the corresponding Division Dean; however, a request for a formal hearing need not necessarily be granted. The following points will apply in all cases of appeal:

3.3.3-C1 The appeal must be made in writing to the appropriate appellate person or body within the specified period of time.

3.3.3-C2 The appeal must include the name of the individual making the appeal, the action that is being appealed, the date the action took place, and the grounds for appeal. Appeals must be based on one or more of the following grounds:

3.3.3-C2.1 Procedural or prejudicial error was committed.

3.3.3-C2.2 The finding of facts contained in the decision included inaccurate information.

3.3.3-C2.3 Specific evidence presented at the hearing is objectionable. Reason for the objection must be stated, i.e., why evidence should not be considered.

3.3.3-C2.4 Evidence not offered during the hearing is now available. Reason why evidence was not offered during the hearing must be stated.

3.3.3-C2.5 The sanction imposed is excessive or inappropriate. Reasons for believing this must be stated.

3.3.3-C3 If warranted, the Vice-President for Academic Affairs shall convene the Academic Appeals Board to solicit its recommendation before making a decision.

3.3.3-D The highest level of appeal for academic misconduct is the Vice-President for Academic Affairs whose decision is final.

3.3.4 Academic Appeals Board Procedures

3.3.4-A If a decision is made to seek a recommendation from the Academic Appeals Board, the Vice-President for Academic Affairs, or a designee, shall assemble case materials for the Board which will normally meet within three (3) weeks.

3.3.4-B The Vice-President for Academic Affairs, or a designee, will inform all parties of procedures to be followed.

4 NONACADEMIC MISCONDUCT—ALL STUDENTS

4.1 Persons and/or groups involved in Nonacademic Disciplinary Cases

4.1.1 Vice-President for Student Services—The Vice-President for Student Services will dispose of any nonacademic violations referred by other Community College officials, and also has responsibility for maintaining all student records relating to both academic and nonacademic student misconduct. Within this capacity, the Vice-President for Student Services acts as a resource person for administrators, faculty, staff, and students to promote consistency throughout the NMSU-DACC community in adjudicating cases of student misconduct.

4.1.2 College Discipline Committee—The College Discipline Committee hears nonacademic appeals referred to it by the Vice-President for Student Services. The committee shall be composed of five (5) staff and faculty members appointed by the Vice-President for Student Services and two (2) students appointed by the Vice-President for Student Services from a pool of names recommended by the Associated Students of Dona Ana Community College. Three (3) staff and/or faculty members (including one [1] co-chair) and two (2) student members will be required to be present at each hearing. The two (2) staff or faculty members having seniority on the committee will serve as co-chairpersons. A hearing by the College Discipline Committee is an informal procedure at which information is presented in an orderly manner so that the Hearing Committee can reach a fair decision. The Chairperson of the Hearing Committee is in charge of the proceedings.
at all times, and rulings by the Chair are final. The Chair may remove persons, including the appellant’s advisor, if that person does not conform to Committee rules and procedures. Complaints regarding persons reported to not be in compliance with hearing proceedings will be filed with the Vice-President for Student Services. It is each student appellant’s responsibility to represent him/herself in this informal procedure. The student may elect to have an advisor present whose role is solely to advise the student appellant. Advisors may not actively participate (e.g., question, defend, or directly respond to any information presented) in the hearing. More detailed “Rules and Procedures for the College Discipline Committee” may be obtained from the Vice-President for Student Services. All College Disciplinary Committee meetings are closed to the public.

4.1.3 President of Doña Ana Community College—Should the decision of the College Discipline Committee be appealed, the appeal must be submitted in writing to the Vice-President for Student Services, or a designee, within three (3) working days after receipt of the decision made by the College Discipline Committee. The Vice-President for Student Services will compile and submit all relevant case records to the President of Doña Ana Community College or a designee. Upon receipt of all information, the President of Doña Ana Community College, or a designee, will have three (3) working days to review and render a decision. The decision of the President of DACC or the president’s designee is final and will be reported to all parties concerned.

4.2 Nonacademic Misconduct—The following list constitutes violations for which students and student organizations are subject to disciplinary action. This list is not designed to be all inclusive, but offers examples of the types of prohibited conduct:

4.2.1 Actual or threatened physical injury to any person (including self) on NMSU-DACC-owned or -controlled property or at an NMSU-DACC sponsored or supervised function, or conduct that endangers the health or safety of a person.

4.2.2 Engaging in individual or group conduct that is violent (including sexual misconduct, attempted suicide, or threats of either), abusive, indecent, unreasonable loud, or similar disorderly conduct that infringes upon the privacy, rights, or privileges of others or disturbs the peace or the orderly process of education on campus.

4.2.3 Unauthorized use, possession, or storage of any weapon or explosive (including fireworks) on NMSU-DACC premises or at an NMSU-DACC sponsored activities.

4.2.4 Forgery, counterfeiting, alterations, or misuse of any NMSU-DACC record, document, or identification card of a nonacademic nature (e.g., housing applications or parking permits).

4.2.5 Unauthorized entry into, or alteration of, any NMSU-DACC computer records, or violation of Computer Center policies.

4.2.6 Reporting the presence of a fire, bomb, or explosive or incendiary device on NMSU-DACC premises without good reason to believe the facts reported are true.

4.2.7 Unlawful possession, use, distribution, or sale of any narcotic or dangerous drug as defined by the statutes of the State of New Mexico.

4.2.8 Theft of, or unwarranted damage to, NMSU-DACC property or property of any member of the NMSU-DACC community.

4.2.9 Failure to comply with Housing regulations.

4.2.10 Failure to comply with the lawful directives of NMSU-DACC employees acting within the scope of their duties, including those directives issued by an NMSU-DACC administrator to ensure the safety and well-being of students (refer to Student Special Care Policy).

4.2.11 Entry into, or use of, any NMSU-DACC building, facility, room, or other NMSU-DACC property or grounds without authorized approval. This also includes the unauthorized possession or use of NMSU-DACC keys, lock combinations, or other access codes.

4.2.12 Participation in illegal gambling activities on NMSU-DACC-owned or -controlled property or at a function identified with NMSU-DACC.

4.2.13 Possession or consumption of alcoholic beverages in contradiction of state law and/or NMSU-DACC policy.

4.2.14 Entering or attempting to enter any athletic contest, dance, social event, or other event without proper credentials for admission (e.g., ticket, identification card, or invitation).

4.2.15 Failure to make satisfactory settlement for any debts owed to NMSU-DACC.

4.2.16 Failure to comply with University traffic rules and regulations.

4.3 Nonacademic Discipline Process—All alleged violations of nonacademic rules and regulations contained herein will be referred to the Vice-President for Student Services or other Hearing Officers (as appropriate). The following procedures will apply:

4.3.1 The Hearing Officer may consider any documentation submitted, including but not limited to Police or other NMSU-DACC reports, and may choose to interview persons who might have information relevant to the case. The student or organization accused of violating the Code of Conduct is responsible for providing any information that would be helpful in supporting a finding of Not Responsible for the alleged violation. The Hearing Officer will make a reasonable attempt to obtain all relevant information. As a result of an investigation and/or conference with a student or organization representative, one of the following actions may be taken:

4.3.1-A The allegation may be dismissed as unfounded;

4.3.1-B The allegation may be dismissed for lack of preponderance of the evidence;

4.3.1-C The student or organization representative may admit guilt and a sanction will be imposed; or

4.3.1-D The Hearing Officer will determine guilt, based on clear preponderance and convincing evidence, and a sanction will be imposed.

4.3.2 A student or organization wishing to appeal the decision of the Hearing Officer may do so in writing to the next higher level of authority within the disciplinary system. The accused must always be informed of the next level of appeal by the Hearing Officer. An appeal by the accused must be presented in writing no later than three (3) working days after notification of the decision. All appeals to the College Discipline Committee will be delivered to the Vice-President for Student Services. The final level of appeal for all nonacademic misconduct is the President of Doña Ana Community College.

4.4 Appeal Process—While all members of the college community have the right to appeal, a request for a hearing need not necessarily be granted. The following points will apply in all cases of appeal:

4.4.1 The appeal must be made in writing to the appropriate appellate person or body within the specified period of time.

4.4.2 The appeal must include the name of the individual or organization making the appeal, the action that is being appealed, the date the action took place, and the grounds for appeal. Appeals must be made on the basis of one or more of the following grounds:

4.4.2-A Procedural or prejudicial error was committed.

4.4.2-B The finding of facts contained in the decision included inaccurate information.

4.4.2-C Specific evidence presented at the hearing is objectionable. Reason for the objection must be stated, i.e., why evidence should not be considered.

4.4.2-D Evidence not offered during the hearing is now available. Reason why the evidence was not offered during the hearing must be stated.

4.4.2-E The sanction imposed is excessive or inappropriate. Reasons for believing this must be stated.

4.4.3 Upon review of an appeal, the appellate person or body may uphold, modify, or completely reverse the original decision. A written rationale will be provided and should be in accordance with one or more of the conditions delineated in Item 4.4.2 noted above.

4.4.4 The highest level of appeal for nonacademic misconduct is the President of Doña Ana Community College, whose decision is final.

5 ACADEMIC AND NONACADEMIC DISCIPLINARY ACTIONS AND SANCTIONS

5.1 Sanctions Imposed upon Individual Students. The following list is not designed to be all inclusive, but offers examples of the more severe sanctions that may be imposed upon an individual student for infractions of regulations.
5.1 Disciplinary Probation—Disciplinary Probation is a written reprimand for violation of NMSU-DACC regulations or local, state, and/or federal laws. Students placed on disciplinary probation are deemed “not in good standing” with Doña Ana Community College. The duration of the probationary period and conditions imposed shall be in proportion to the seriousness of the misconduct. Duration will be at least 30 days, but may be extended indefinitely. Depending on the circumstances and at the discretion of the Vice-President for Student Services, during the probationary period, reported violations of the Code of Conduct or conditions of the probation will result in further action. This action may include, but is not limited to, extension of the probationary period, the addition of other restrictions or conditions to the probationary agreement, suspension, dismissal, expulsion, and notation on the student’s transcript. Additionally, if a student should have a previous NMSU discipline record, it may be considered in determining appropriate sanctioning for any future Code of Conduct violations. A student may return to a status of “in good standing” with Doña Ana Community College at the conclusion of the probationary period, assuming all conditions have been satisfied. A student who has been placed on indefinite disciplinary probation and/or whose probation has been indefinitely noted on the transcript may petition to have the probation lifted and/or the notation removed from the transcript. This petition will not be acceptable if submitted sooner than one calendar year from the date the probation began. Students must petition the Vice-President for Student Services who may choose to convene the College Discipline Committee to review the petition and make a recommendation. The decision of the Vice President for Student Services is final.

5.1.2 Disciplinary Suspension—Disciplinary suspension is the disenrollment of a student from Doña Ana Community College. Suspensions will last a minimum of one full semester. Students may re-enter DACC at the conclusion of the suspension only by consent of the Vice-President for Student Services in cases of nonacademic misconduct, or the Vice-President for Academic Affairs in cases of academic misconduct. A permanent notation of a suspension will be made on the student’s transcript.

5.1.3 Dismissal—Dismissal is the disenrollment of a student for an indefinite period of time. Students may not re-enter Doña Ana Community College for at least one year, and then only by consent of the Vice-President for Student Services in cases of nonacademic misconduct, or the Vice-President for Academic Affairs in cases of academic misconduct. A permanent notation of dismissal is placed on the student’s transcript.

5.1.4 Expulsion—Expulsion is the disenrollment of a student whereby the student is not eligible for readmission to NMSU-DACC. A permanent notation of expulsion is placed on the student’s transcript.

5.2 Sanctions Imposed upon Student Organizations. The following are possible sanctions that may be imposed upon a student organization for infraction of regulations:

5.2.1 Written Warning—Written warning is a notice in writing to the student organization that it is in violation of or has violated the Student Code of Conduct.

5.2.2 Disciplinary Probation—Disciplinary Probation is a written reprimand to a student organization for violations of NMSU-DACC regulations or local, state, and/or federal laws. Organizations placed on disciplinary probation are deemed “not in good standing” with NMSU-DACC. The duration of the probationary period and conditions imposed shall be in proportion to the seriousness of the misconduct. Duration will be at least thirty (30) days, but may be extended indefinitely. Depending on the circumstances, and at the discretion of the Hearing Official(s), additional stipulations may be enforced.

5.2.3 Suspension of NMSU-DACC Recognition—This sanction serves as notification to the organization that its conduct is in violation of NMSU-DACC regulations, or local, state, and/or federal laws; and that its by-laws with the ASDACC, along with all privileges afforded a recognized student organization, is being withdrawn for a specified period of time. The suspension will last a minimum of one full calendar year and will take effect immediately upon notification. As with disciplinary probation, additional conditions may be attached and further disciplinary action may result if conditions are not met.

5.2.4 Termination of NMSU-DACC Recognition—This sanction serves as notification to the organization that its conduct is in violation of NMSU-DACC regulations, or local, state, and/or federal laws; and that its by-laws with NMSU-DACC, along with all privileges afforded a recognized student organization, is being withdrawn immediately. The organization is not eligible for reinstatement of its by-laws for a minimum of five (5) years. Reinstatement of an organization’s by-laws can only be granted by the Vice-President for Student Services.

6 AMENDMENTS TO THE CODE OF CONDUCT

Recommendations for changes related to the nonacademic discipline process will be referred to the College Discipline Committee through the Vice-President for Student Services. Recommendations for changes related to the Academic Discipline process will be referred to the DACC Academic Appeals Board through the Vice-President for Academic Affairs or a designee. The NMSU Discipline Committee will meet, as needed, to review the Code of Conduct and recommend changes to the Vice President for Student Services.

7 STATEMENT OF LIMITATIONS

No student or student organization shall be subject to disciplinary procedures due to alleged violation of NMSU-DACC regulations unless procedures are initiated within one year from the time the alleged misconduct occurred, or was made known to the Vice-President for Student Services or President, whichever occurs later. The one-year period of limitation, as referred here, will apply only while the student is enrolled at NMSU-DACC. If the disciplinary procedures cannot be completed for reasons beyond the control of NMSU-DACC, a time limitation will not be imposed.
SECTION 2: Discipline-Related Policies and Procedures

The sequence of the following policies is not intended to imply an order of importance or significance to New Mexico State University/Doña Ana Community College.

Alcohol Policy

Statement of Purpose. The Regents of New Mexico State University recognize that diversity of opinion and freedom of choice are concepts upon which higher education has been established. Inherent within these two basic concepts are the exercise of individual responsibility and making informed decisions on matters related to personal behavior. These are concepts basic to all American freedoms.

Within the setting of the University—a term which here includes its four community colleges—faculty, staff, and students must demonstrate a mutual respect and commitment to the institution’s educational mission while at the same time fostering diversity of opinion, freedom of choice, and responsibility.

In this regard, the University respects the right of those of legal age to consume alcohol if they so choose, providing they do so in accordance with this policy and all applicable laws. This Alcohol Policy shall apply to every function or event, including but not limited to receptions, banquets, dinners, picnics, or any outdoor event, social event, and campus-wide activity sponsored by organizations or individuals associated with New Mexico State University. Off-campus events conducted by University-approved organizations are bound by this policy.

NMSU recognizes it cannot protect its staff and students from making decisions that could potentially cause harm to themselves or others. NMSU disclaims any intention to assume duties to protect its staff and students from their own abuse of drugs or alcohol or to protect third-party persons from the conduct of the staff or students.

Scope of Policy. This Alcohol Policy shall apply to all NMSU campuses (Las Cruces Main and community colleges) that have applied for and received a waiver from their respective county jurisdictions.

Permissible Use of Alcohol

Where permitted under the policy, the use of alcohol shall be considered a privilege and may be allowed only if consistent with local, state and federal laws and University policy, and only when it does not interfere with the academic atmosphere of the University.

1. Students of legal age are permitted to use alcohol only in a manner consistent with this policy and the Student Code of Conduct.
2. Students who reside on campus and are 21 years of age or older may possess and consume alcohol as permitted by law and in areas designated by the Director of Housing and Residential Life. Refer to the Housing Policy for those areas designated as “alcohol free.”
3. Selling, either directly or indirectly, of alcoholic beverages on campus is prohibited, except in those University facilities possessing a state alcohol license granted under the authority of the Board of Regents, or where pre-approved by the president (or his/her designee) by event type. The president (or his/her designee) has authorization, at his/her discretion, to grant permission for the serving or sale of alcohol at any other on-campus event.
   All venues approved for the routine sale of alcoholic beverages must have in place an approved policy for the sale and service of alcoholic beverages.
4. Events occurring on campus involving alcohol must obtain the proper approval/permit. The following shall apply:
   a. Any event involving alcohol must be registered and approved by the University in order to obtain a proper permit.
   b. Student groups, campus organizations and Greek affiliates who wish to host events involving alcohol must have proper policies in place, consistent with University policies and local, state and federal laws, before they will be issued a permit for their event.
   c. Student fees may not be used directly to purchase alcohol. However, in certain cases, student fees may be used to fund events where alcohol may be served, provided the appropriate permits are obtained and applicable policies are adhered to.
   d. Permits will be issued by the president (or his/her designee).
   e. State law requires that anyone serving alcohol must complete a class and receive a server’s permit.
   f. If the consumption of alcohol is a normal part of an academic class, written approval for use must be obtained from the Office of the Executive Vice President and Provost and the Alcohol Review Committee.

Unacceptable Use of Alcohol

NMSU discourages the use of alcohol that is inconsistent with local, state and federal laws and University policy. NMSU recognizes that the illegal use of alcohol interferes with the academic environment of this institution and the personal growth of its students.

1. NMSU explicitly prohibits the unlawful use, possession, sale, or distribution of alcohol or controlled substances by all students and employees. Any violation of applicable local, state, and/or federal law is considered to be a violation of this institution’s policies.
2. Staff and/or students will be disciplined if their use of alcohol threatens to create disorder, public disturbances, danger to themselves or others, or property damage.
3. Students who have not yet reached legal age are prohibited from purchasing, using, and/or possessing alcohol.
4. Except as outlined by this policy, consumption or possession of alcohol intended for consumption is prohibited on all University campuses. Possession of alcohol intended for consumption is permitted for the sole purpose of prompt delivery to a designated, approved location.
5. Open containers of alcohol are prohibited outside of designated areas.
6. Keys, party balls or common containers are not permitted, unless in conjunction with an event approved by the president (or his/her designee).

Alcohol-Related Misconduct

1. Possession of false identification. Students found in possession of, or attempting to use false identification in order to procure alcohol will be subject to the fullest force and effect of the consequences outlined in this policy and/or the Student Code of Conduct.
2. Alcohol as an aggravating factor to other violations. If alcohol is found to be an aggravating factor in other violations of the Student Code of Conduct and/or local, state and federal laws, the student may be subject to more severe punitive sanctioning.
3. Off-campus violations of Student Code of Conduct. The University reserves the right to impose sanctions upon students and student organizations that violate this policy and/or the Student Code of Conduct, even if such actions occur off-campus.

Consequences for Violations

1. Students found to be in violation of any of these policies through Student Judicial Services will be subject to disciplinary action ranging from Disciplinary Probation in conjunction with educational sanctioning through Expulsion from the University.
2. Students in violation may also be subject to the disciplinary procedures of Housing and Residential Life, if applicable.
3. Staff or students found to be in violation will also be subject to all local, state and federal laws and nothing in this policy shall be construed to protect staff or students from such actions as local, state and/or federal law enforcement deem appropriate. Similarly, if local, state and/or federal law enforcement entities decide not to pursue action against violators, the University reserves the right to process violations through the Student Judicial Services and/or Housing and Residential Life, if applicable.
4. Staff or students who have not been found to be in violation of any of the policies herein who wish to self-identify and seek confidential help through the Employee Assistance Program, the Counseling Center and/or the Wellness, Alcohol and Violence Education Program, will not jeopardize their employment or academic status. This benefit will continue as long as the staff member or student refrains from further alcohol misuse and/or abuse.
Tailgating
On days on which an NMSU football game is scheduled at Aggie Memorial Stadium, consumption of alcohol in designated areas is authorized, subject to the restrictions of this policy.

1. Tailgating will be limited to four hours prior to kick-off and two hours after the game ends. (Exceptions to the start/end times of tailgating may be granted based on scheduled kick-off time.)

2. Tailgating activities are authorized solely within the tailgate sections jointly designated for such use by the athletics director, the assistant vice president for facilities, the director of special events, and the NMSU police chief. A map reflecting the areas designated for tailgating shall be made available to the public on request and posted online at the NMSU Athletics Department website.

3. Persons under the age of 21 are prohibited from drinking alcohol in accordance with state and federal laws and University policy.

4. Glass containers are not permitted.

5. Disruptive behavior, disorderly conduct, public drunkenness and similar types of behavior will not be tolerated.

6. Kegs, party balls or common containers of any kind are not permitted.

7. No alcoholic beverages may be brought into the Aggie Memorial Stadium.

8. For those of legal age, the quantity of alcoholic beverages one can bring to the tailgate section is limited to the amount one person can reasonably consume.

Drug-Free Workplace, Drug-Free Schools and Communities Act, and Drug-Free Workforce Rules

STANDARDS OF CONDUCT. Students of New Mexico State University and Dona Ana Community College are considered a valuable asset, and their health and welfare are of serious concern. The University strives to maintain a safe and productive environment free from the influence of illicit drugs and unlawful use of alcohol. As a recipient of federal funds, the University is obligated to inform all students that the unlawful possession, use, or distribution of illicit drugs and alcohol on its property or as part of any of its activities is prohibited, and is a violation of University policy. University property is defined as all lands and buildings under the control of the Board of Regents, New Mexico State University. Students who violate this prohibition will be subject to appropriate disciplinary action, which may include termination of employment or expulsion from school. It is also a federal requirement and a legal obligation to inform all students that the unlawful possession, use, or distribution of controlled substances is prohibited, and is a violation of University policy.

HEALTH RISKS. Information outlining the risk of physical and/or psychological dependence on controlled substances and the effects of use, overdose, and withdrawal is available online at www.drugsense.gov, and from the Office of the Vice President for Student Services, Las Cruces Central Campus, rm. DAMA115. NMSU-DACC is required to inform students concerning these health risks.

Alcohol is also a drug, and students need to be aware of the health risks involved in using alcohol. In large doses, alcohol can dull sensation and impair muscular coordination, memory and judgment. Tolerance varies with the level of use. Alcohol is a depressant drug that can be habit-forming, and can cause permanent brain damage. Dependence on alcohol can be psychological when the drinker uses alcohol to escape from stress. A pattern of repeated heavy drinking produces a condition in which the body needs alcohol to function, and can lead to physical dependence.

Alcohol can kill. A large dose consumed at once can interfere with the part of the brain that controls breathing. The respiratory failure which results can bring death. Delirium tremens, the most extreme manifestation of alcohol withdrawal, can also cause death. Pregnant women who drink alcohol risk delivering babies stillborn or with serious abnormalities. Approximately half of the deaths from car accidents each year in the United States are related to alcohol use.

Available Drug or Alcohol Counseling, Treatment, Rehabilitation, and Re-Entry Programs

Any student who may have a drug or alcohol problem is encouraged to obtain confidential and voluntary counseling and/or treatment. In Las Cruces, outpatient treatment facilities with programs for drug and alcohol abuse are Associates for Counseling and Recovery, Southwest Counseling Center, and the Professional Assessment Center. Counseling and referral services are also available on campus. Students should contact DACC Counseling Services (527-7548) for information and confidential referral.

When a student or employee requires extended treatment and rehabilitation for a drug or alcohol problem, the counseling services on campus will arrange referral to an appropriate treatment program. In-patient treatment facilities in the area are Mesilla Valley Hospital in Las Cruces and The Peak Hospital in Santa Teresa. In Las Cruces, outpatient treatment facilities with programs for drug and alcohol abuse are Associates for Counseling and Recovery, Professional Assessment Center, and Southwest Counseling Center. A number of support groups are also available, including Alcoholics Anonymous, Al-Anon, Adult Children of Alcoholics, Co-Dependents Anonymous, and Narcotics Anonymous.

Any student who has been dismissed or suspended for drug or alcohol violations and who has evidence of successful rehabilitation may petition for readmission to NMSU-DACC upon recommendation from relevant psychological or psychiatric professionals. Students who voluntarily seek treatment for drug or alcohol violations before disciplinary action, and students who are readmitted to the NMSU-DACC after rehabilitation, may be assessed and receive after-care counseling from an on-campus counseling center or be referred to an appropriate community resource.

Disciplinary Sanctions for Students

For possible sanctions that may be imposed upon an individual student for violation of the University’s alcohol or drug policies, refer to the Student Code of Conduct, section 5.1.

LEGAL SANCTIONS. Federal trafficking penalties for methamphetamine, heroin, cocaine, PCP, LSD, Fentanyl, and Fentanyl Analogue vary depending on the quantity of drugs involved and whether the offense is the first or a repeat offense. Prison sentences range from 5 years to life. Fines for trafficking in these drugs range from $2 to $8 million. Federal trafficking penalties for marijuana range from 10 years to life imprisonment, depending on the quantity involved and whether the offense is a first or repeat offense. Fines range from $250,000 to $8 million.

The New Mexico Legislature has enacted numerous laws concerning possession and trafficking of controlled substances. The most abused controlled substances are: marijuana, cocaine, heroin, LSD, and amphetamines. Fines and prison sentences vary according to the quantity of drugs involved and whether the offense is a first or repeat offense.

Marijuana. Fines for possession of marijuana range from not less than $50 to $5,000. Prison sentences range from 15 days to 18 months. The fine for trafficking marijuana is $5,000; prison sentences for trafficking range from 18 months to 3 years.

Cocaine and heroin. The fine for possession of cocaine and heroin is $5,000 and the prison sentence is 18 months. Fines for trafficking cocaine and heroin range from $10,000 to $15,000. Prison sentences for trafficking are 9 years for a first offense and 18 years for a repeat offense.

LSD and Amphetamines. The fine for possession of LSD and amphetamines is $1,000 and the prison sentence is up to 1 year. Trafficking in LSD and amphetamines carries a fine of $5,000 and a prison sentence of 3 years.

Alcohol abuse is subject to penalties specified by the Liquor Control Act. A driving-while-under-the-influence (DWI) conviction can result in a fine up to $300, and/or imprisonment up to 7 months, and/or prosecution for vehicular homicide, and/or license revocation and vehicle impoundment.

Drug Policies and Programs

The University attempts by various means to provide the University community with a basic knowledge and awareness of drug abuse, and to disseminate the results of current research on the effects of drug use. It continues to explore the availability of outside funding to support these additional activities in drug education, health, and rehabilitation, and its discipline and law enforcement.

EDUCATIONAL PROGRAMS. NMSU-DACC actively encourages students to learn about the physiological, psychological, social, and legal implications of alcohol and drug use and abuse. To facilitate the students’ educational process, the University WAVE (Wellness, Alcohol, and Violence Education) program offers to students programs concerning these issues that are delivered to classes and student groups across campus as well as through weekly outreach events. WAVE and the Student Health Center jointly sponsor National Alcohol Screening Day. Additionally WAVE frequently advertises in the Round-Up and provides information for articles that are published through
campus media. WAVE and the Counseling Center also provide the BASICS (Brief Alcohol Screening and Intervention for College Students) program that assists individuals in examining their use, decisions, and consequences surrounding alcohol. A similar but abbreviated tool called E-CHUG is available on the WAVE website. WAVE is always interested in providing information across campus and can be reached at 646-2813.

To ensure that students receive the best help and information, involved personnel are encouraged to participate in seminars, workshops, and conferences to learn the latest approaches to drug education and the newest information available regarding alcohol/drug use and abuse.

Recognizing that the social environment changes rapidly, the University invites students to offer suggestions pertaining to their needs in the area of drug and alcohol education to the WAVE program coordinator.

**Discipline and Law Enforcement**

NMSU-DACC recognizes that many behaviors are restricted by state and federal laws. The basic premise of University discipline is to provide regulations for students in keeping with the laws of the State of New Mexico and the United States of America, as well as to maintain an environment maximally conducive to education. While the University does not normally take disciplinary action for off-campus violations, it retains the right to act in special cases.

With reference to drug violations, an individual apprehended for drug abuse off-campus is subject to civil proceedings and is not usually addressed through the University discipline system unless the off-campus actions impact the campus community. As a property owner, the University has the right to prohibit behaviors on that property that may not be restricted in other environments. This is especially relevant for housing regulations. Students who reside on University property, by doing so, consent to University housing regulations. As long as they reside in University housing, they are subject to University discipline.

**A. Amnesty**

Any student drug user who, prior to apprehension, voluntarily directs a request for rehabilitation to any University official, including the University Police, will be referred to the proper rehabilitation agency or medical authorities. The case will be kept strictly confidential, and no disciplinary or criminal action will be taken as long as the student upholds the agreement for rehabilitation and refrains from any other possession or use of illegal substances on-campus.

**B. Penalties for Drug Violation**

1. First offense for usage, possession, or accessory to a drug violation.
   a. If found guilty, or guilt is admitted (not relating to amnesty as defined above) for a violation of a law of the State of New Mexico or University regulation relating to one ounce or less of marijuana, the penalty may be as much as disciplinary probation or suspension.
   b. If found guilty, or guilt is admitted (not relating to amnesty as defined above) for violation of a law of the State of New Mexico or University regulation relating to narcotic drugs, marijuana (over one ounce), depressants, or other illegal drugs, the penalty may be as much as disciplinary suspension, dismissal, or expulsion.

2. If guilt is proven or admitted for selling, processing, delivering, compounding, or dispensing in any manner marijuana or any other dangerous narcotic, depressant, stimulant or hallucinogenic drugs, the student will be subject to penalties up to and including expulsion on the first offense.

3. A student who admits guilt, or is found guilty of a second drug offense, may be subject to penalties up to and including expulsion.

4. Any student who has been suspended or dismissed for drug violations, and has evidence of successful rehabilitation, may petition for readmission to the University upon recommendation from relevant psychological or psychiatric professionals.

**C. Exclusion from Campus**

Students suspended, dismissed or expelled from the University for drug violations, or those convicted of drug violations off-campus who persist in returning onto campus, will be subject to such legal procedures as deemed necessary to bar such entry, when probable cause of further violations of University regulations can be shown.

**Firearms Policy**

It is unlawful and against university policy for anyone to carry a firearm on university premises except for: (1) a peace officer; (2) university security personnel; (3) student, instructor or other university -authorized personnel who are engaged in army, navy, marine corps or air force reserve officer training corps programs or a state-authorized hunter safety training program; (4) a person conducting or participating in a university-approved program, class or other activity involving the carrying of a firearm; or (5) a person older than nineteen years of age on university premises in a private automobile or other private means of conveyance, for lawful protection of the person’s or another’s person or property.

As used in this policy, university premises means: (a) the buildings and grounds of a university, including playing fields and parking areas of a university, or on which university or university-related activities are conducted; or (b) any other public buildings or grounds, including playing fields and parking areas that are not university property, in or on which university-related and sanctioned activities are performed. Whoever commits unlawful carrying of a firearm on university premises is guilty of a petty misdemeanor and may be subject to disciplinary action as appropriate.

**Prohibition of Hazing and Hostile Misconduct**

The University promotes a safe environment where students, faculty, staff and visitors may reside on campus, participate in university-sponsored activities and be members of organizations recognized by NMSU-DACC without compromising health, safety, or wellness. It is therefore the University’s policy to prohibit any act or omission which constitutes hazing, bullying or other hostile misconduct, as well as retaliation against persons who report misconduct pursuant to this policy. In the event an allegation of hazing, bullying, hostile misconduct or retaliation is substantiated after objective investigation, appropriate corrective or disciplinary action will be taken to ensure that the offensive behavior does not recur.

**A. “Hazing”**

“Hazing” is an act committed by one or more individuals, on or off campus, where the following apply:

1. The act was committed in connection with student or employee status or in connection with an initiation into, an affiliation with, or the maintenance of membership in, any organization. For the purpose of this policy, “organization” means an intercollegiate or intramural athletic team; chartered student organization; or other association, order, society, corps, cooperative, club, department, unit, division or similar group that is officially affiliated with the University and whose membership consists primarily of enrolled students or employees of the University; and

2. The act creates unreasonable risk of emotional or physical harm, or causes actual physical harm, mental duress or degradation, or interferes with a person’s academic endeavors or progress, or work environment.

**B. “Bullying”**

“Bullying” is an act or omission that intimidates or mistreats a person, typically a person perceived to be weak or vulnerable.

**C. “Hostile Misconduct”**

“Hostile Misconduct” is an act or failure to act, which is sufficiently severe, pervasive or persistent so as to interfere with or limit a person’s ability to participate in academic opportunities or activities, or to work productively in the workplace. The hostile misconduct prohibited by this policy need not be based on any protected class, which is similarly prohibited by the University’s anti-discrimination policies.

**D. Retaliation for purposes of this policy is retribution in any form against a person who has in good faith: (a) opposed the misconduct prohibited by this policy; (b) filed a complaint of hazing, bullying or other hostile misconduct with their supervisor, the Office of Human Resource Services department or other appropriate office with jurisdiction; (c) assisted with or participated in an investigation, proceeding or hearing related to enforcement of this policy. Retaliation in and of itself, if substantiated by investigation, will result in disciplinary action, up to and including termination.

**E. An act of hazing, bullying or other hostile misconduct may also constitute illegal discrimination if it is based upon age, ancestry, color, mental or physical disability, gender, genetics, serious medical condition, national origin, race, religion, sexual orientation, gender identity, spousal affiliation, or veteran status. In this event, it shall be reported to the Office of Institutional Equity for action under the University’s anti-discrimination policies, which also prohibit retaliation.

**F. An act of hazing, bullying or other hostility may also constitute a hate crime under the laws of New Mexico, and shall be reported to the NMSU Police Department for potential criminal investigation and prosecution.
G. It is a violation of this policy even if the recipient of the misconduct consented to or acquiesced in the hazing, bullying or other hostile act or omission.

H. Examples of hazing, bullying and other hostile misconduct may include, and are not limited to:
   1. Verbal acts and name calling; graphic and written statements, which may include the use of cell phones or the internet;
   2. Threats of, or actual harm or humiliation;
   3. Physical abuse, such as whipping, beating, branding, pushing, shoving, or tackling, use of physical restraints, etc;
   4. Forced physical activity, such as consumption of food, liquor or drugs, or sleep deprivation;
   5. Theft and/or destruction of property under any circumstance;
   6. Yelling, screaming, or calling members (prospective or actual) demeaning names, or restricting normal routine social interaction;
   7. Engaging in behavior that a reasonable, similarly situated person would consider humiliating and or degrading to others;
   8. Forcing, requiring or endorsing new members to violate university policies, organization/association bylaws, team rules and/or any local, state, or federal law.

I. This policy is not intended to prohibit the following conduct:
   1. Customary public athletic events, contests or competitions as sponsored by the University;
   2. Activity or conduct that furthers the goals of NMSU educational curriculum, extracurricular program, military training program, or other official university function or program.

J. Prevention of hazing, bullying, hostile misconduct and retaliation is the responsibility of every member of the university community. Each organization, association, athletic team, department, unit, division, as well as each individual, has the obligation to report incidents that are believed to be associated with hazing, bullying, hostile misconduct, or retaliation to the DACC Vice President for Student Services, the NMSU Office of Student Judicial Services, the NMSU Office of Institutional Equity, the NMSU Police Department, or other university supervisor or official independent from the offensive conduct.

K. All alleged incidents of hazing, bullying and other non-discriminatory hostile misconduct or retaliation addressed by this policy will be investigated. The action or omission subject of a complaint and substantiated by investigation will be assessed based on the totality of the circumstances, and will involve making a determination whether the alleged hostile misconduct was sufficiently severe, pervasive or persistent such that a similarly situated reasonable person would be significantly and adversely impacted in his or her ability to benefit from the educational or work opportunities provided by the institution.

L. Engaging in behavior that a reasonable, similarly situated person would consider humiliating and or degrading to others.

Mental Health Policy

The staff and faculty of NMSU-DACC are concerned about the health and well-being of students. Occasionally, students are confronted by illnesses that interfere with their academic progress. In such situations, withdrawal from NMSU-DACC may be in the best interest of all concerned. Guidelines for the administration of psychiatric withdrawals under the Mental Health Policy are available in the office of the Vice President for Student Services, Las Cruces Central Campus, rm. DAMA115.

Campus Access — Prohibited and Restricted

RESTRICTED ACCESS POLICY: In order to establish an appropriate environment and preserve university property for educational purposes, the University reserves the right to restrict access to some of its lands and facilities. Academic spaces are generally used for educational purposes only, and buildings which serve as residences for students are restricted to students, their guests, and appropriate university employees. While some other university facilities and grounds are available to the general public, activities must be scheduled and authorized, and facilities/grounds must be used according to university rules and regulations. No individual(s), except for those contracted to reside on campus, shall temporarily or permanently remain overnight on the property of the Board of Regents, or dwell on the property of the board, including but not limited to, in motor vehicles, or in temporary or permanent structures, without the specific prior approval of the vice president for student services (or designee). Members of the campus community, as well as visitors, are expected to behave in ways that do not interfere with the rights of others to pursue an education and/or do not disrupt community living on campus. Behaviors of any individuals that interfere with, disrupt, impair, or obstruct the processes, procedures, or functions of the University are prohibited.

Failure to comply with this policy could subject the individual to warning, probation, and removal from the campus, arrest, barring from the campus, or any other sanctions applicable under the Student Code of Conduct, university personnel policies, or state or federal laws. Actions taken under this policy will be initiated by the vice president for student services (or designee). Contested administrative actions may be appealed in writing to the president of Doña Ana Community College within 3 working days after receipt of the decision made by the appropriate administrative officer. The decision of the president of the community college is final.

PROHIBITED ACCESS POLICY: The following individuals may be prohibited from entering on land or buildings owned or used by the board, its colleges, departments, community colleges, experiment stations, ranches, and all property owned or occupied by agencies supervised by the board:

- Persons charged with criminal acts against the board or students or employees during the pendency of such criminal charges.
- Persons found guilty by a court of competent jurisdiction of criminal acts against the board or students or employees.
- Any individual whose presence on the campus constitutes a clear and present danger to the persons, property, or peace of the board, or students, employees, or agents (contractors).
- Any individual whose presence on campus, given all attendant circumstances, could reasonably cause injury against the persons or property of the board or students or employees.
- Any student ordered withdrawn under the Medical/Psychiatric Withdrawal Policy (available in the Office of the Vice President for Student Services). In order to be prohibited from use of university lands and buildings, individuals must be notified in writing of the prohibition by the vice president for student services (or designee). Notice may be made personally or by certified mail. Individuals so notified shall be immediately barred subject to the right to request a hearing within 3 days of the service of the notification or within 6 days of the date of mailing the certified letter. Extension of time will be given to the next business day for any day that occurs on a weekend or a holiday as established by the University. Appeals shall be made by giving written notice to the Office of the president of Doña Ana Community College of intent to appeal. Hearing on the appeal shall be within 7 days from the receipt of the notice of appeal. Neither the individual prohibited nor the NMSU/DACC shall be represented at the hearing by legal counsel.

The hearing need not conform to the strict rules of legal evidence. In the event that the president of the community college reverses the prohibition, the individual shall be immediately entitled to enter upon university land or property. In the event that the president of the community college affirms the decision, the individual’s prohibition shall continue. The decision of the president of Doña Ana Community College is final. Under most circumstances,
prohibitions under this policy will be for one year or less. When the prohibi-
tion is indefinite, the affected individual may petition for the removal of the
prohibition after one calendar year by submitting a written request to the vice
president for student services. With respect to individuals convicted of crim-
nal acts against the University, its students, or employees, the one year shall
commence at the time the individual is released from incarceration resulting
from the conviction. Any violation of such prohibition may result in legal
action by the board against the individual, including such criminal charges
as may be appropriate under the circumstances, including criminal trespass.

VACATING UNIVERSITY BUILDINGS OR PROPERTY. The University recog-
nizes the importance of providing a venue where members of the community
can freely and openly express their ideas. However, if an individual(s) and/or
organization improperly or illegally occupies university buildings or property,
the following statement will be read:

“You are violating university regulations and/or state laws concerning
improper occupation of buildings or property. If you leave within the next
10 minutes, no further action will be taken. If you do not leave within 10
minutes, you may be arrested. If you are a student, you may also be sub-
ject to disciplinary action as outlined in the Student Code of Conduct.”

The University hopes to educate students in order to prevent violations, students should
choose not to prosecute, the University can pursue disciplinary action.

Forced Sexual Penetration—Intercourse (vaginal penetration); sodomy (anal
penetration); oral copulation (oral-genital contact); or penetration with any
object (including a finger), by the use of force, threats, coercion, or by taking
advantage of a victim's helplessness.

Sexual Misconduct Policy

NMSU-DACC will not tolerate sexual misconduct of any kind as defined herein:

Forced Sexual Contact—Any harmful, insulting or non-consensual verbal or
physical contact of a sexual nature with another person (including touching,
fondling, exposure, desiring, etc.) that is accomplished toward another without
his/her consent including any such act accomplished by means of actual or
implied force, threat, coercion, or helplessness, forcing or intimidating a
person to touch another's intimate parts shall also constitute sexual contact.

Forced Sexual Penetration—Intercourse (vaginal penetration); sodomy (anal
penetration); oral copulation (oral-genital contact); or penetration with any
object (including a finger), by the use of force, threats, coercion, or by taking
advantage of a victim's helplessness.

A student charged with sexual misconduct, including acquaintance or date
rape, can be prosecuted under New Mexico criminal statutes and disciplined under
the Student Code of Conduct. Even if the law enforcement authorities
choose not to prosecute, the University can pursue disciplinary action.

A violation occurs when there is participation in any kind of sexual miscon-
duct by a student individually or in concert with others. Since NMSU-DACC
hopes to educate students in order to prevent violations, students should understand that:

A. Forced sexual penetration or other unwanted forced sexual contact
   is defined as sexual misconduct whether the assailant is a stranger or
   an acquaintance of the victim.

B. Alcohol and/or drug use, intoxication, or any impairment of the ac-
   cused, does not absolve responsibility for sexual misconduct.

C. In situations where the victim is incapable of giving consent, or is unable
   to resist sexual advances due to alcohol/drug use or other impairments,
   the accused will be held responsible for sexual misconduct.

D. Force or coercion is defined as:
   1. the use of physical force or physical violence; or
   2. the use of threats, including but not limited to physical threats, abduc-
      tion, extortion or retaliation directed against the victim or another when
      the victim believes that there is an ability to execute such threats; or
   3. the use of verbal comments or nonverbal behaviors/gestures to
      intimidate the victim or another when the victim believes that there
      is a present ability to execute such threats.

E. Threat is defined as an expression of intention to hurt, destroy, or
   punish the victim or another.

Where there is cause to believe that NMSU-DACC regulations prohibiting
sexual misconduct have been violated, the University will initiate disciplin-
ary action. Accusations of sexual misconduct will be investigated by the vice
president for student services according to the Code of Conduct. If evidence
is available to indicate that a student is guilty of sexual misconduct, or if guilt
is admitted, the penalty for such misconduct may be as much as disciplinary
suspension, dismissal or expulsion.

Special Grievance Policies

Student Academic Grievance Policy

Procedure for Initiating Grievance Complaints: This procedure has been
established to provide a method to resolve undergraduate student grievances
at the lowest administrative level in a fair and expeditious manner. For the
purpose of this procedure, grievances are limited to alleged violations of
university policy or procedures by NMSU-DACC or its employees, disputes
with faculty and/or alleged unfair treatment. Usually this method is used
to appeal a grade the student feels was not justified. Under no condition
should these policies be used when the student has allegedly violated
the University Code of Conduct or a contractual agreement, and at no hear-
ing should either party have a lawyer. Any student who believes that he/she
has been unjustly treated within the academic process may proceed as
far as necessary in the steps detailed below. Should the alleged grievance
not involve a faculty member or course, a student is to appeal directly to the
department chair/program director or division dean in whose area the
alleged grievance occurred.

1. Appeal to the faculty member. The student is to submit a written ap-
   peal to the faculty member within 30 days after the start of the grading
   period following the grading period in which the alleged grievance
   occurred. If the alleged grievance occurs during a summer grading
   period, the student is to submit an appeal no later than 30 days into
   the fall grading period following the summer grading period in which
   the alleged grievance occurred. The faculty member and the student
   are to discuss the problem. The faculty member will submit a written
   report outlining his or her decision to the student and division dean
   within ten working days of receipt of the student's written appeal.

2. Appeal to the department chair or program director. If a decision
   satisfactory to the student cannot be reached, the student may submit
   a written appeal to the department chair/program director in which
   the course in question was taught. This is to be done within ten days of
   the receipt of the faculty member's written decision. The faculty member,
   the department chair/program director, and the student are to meet
   to discuss the problem. The department chair/program director will
   send a written response outlining his or her decision to the student
   and faculty member within ten days of this meeting.

3. Appeal to the division dean. If a satisfactory decision cannot be
   reached among the department chair/program director, the faculty
   member, and the student, the student or the faculty member may
   submit a written statement of appeal to the division dean. This is to be
   done within ten working days after the receipt of the written decision
   by the department chair/program director. The division dean may
   request a written recommendation from the College Academic Ap-
   peals Board. Should this be the case, the College Academic Appeals
   Board will conduct a hearing with the student and faculty member
   (not necessarily at the same time) to review the merits of the appeal.
   They may also ask for supporting evidence for or against the decision
   of the department chair/program director within ten working days
   following the conclusion of their review process. The division dean
   may meet with the student, faculty member, and department chair/
   program director to discuss the appeal (not necessarily at the same
   time). The division dean will submit a written response outlining his
   or her decision to the student, faculty member, department chair/
   program director, and Vice President for Academic Affairs within
   ten days of the last meeting.

4. Appeals to the Vice President for Academic Affairs. The Vice
   President for Academic Affairs may, at his or her discretion, review the appeal
   upon the written request of the student or faculty member and render
   a final decision. An appeal to the Vice President for Academic Affairs
   is the last step in the appeals process, and the decision of the Vice
   President for Academic Affairs cannot be appealed further. Should the
   Vice President for Academic Affairs not choose to review the appeal,
   the decision of the division dean is final.

5. Exceptions to the time involved. The division dean may waive the
   normal time frame for appeals for compelling reasons. Regardless of
   circumstances, academic appeals must be initiated with the course
   instructor within two years of the conclusion of the grading period in
   which the course was taken.

6. Enrollment. A student need not be enrolled at NMSU-DACC to initiate an appeal.
SECTION 3:  
Additional Policies and Procedures

Children in the Workplace

Students, staff, faculty, and administrators can expect to attend and teach class, or complete work or research in laboratories, libraries, offices, and other workplaces with a minimum of distractions or interruptions. Consequently, the following regulations have been established, and will be enforced by the appropriate dean or administrative supervisor, to ensure that an appropriate academic environment is maintained:

1. Children visiting campus must be closely supervised by an adult at all times.
2. Children will be prohibited from entering dangerous settings such as labs and equipment rooms without the approval of the appropriate dean or administrative supervisor.
3. Children may not attend a class in session without the prior approval of the instructor. Children under the care of the instructor may not attend class without the prior approval of the immediate supervisor.
4. Children may, on rare occasions and with the approval of the supervisor, accompany a parent to the workplace. However, the expectation is that parents will make alternate arrangements for the care of their children during normal working hours.
5. Children taking part in programs and/or special events on campus are expected to abide by the rules and regulations established by the program or event sponsors.

Family Educational Rights and Privacy Act of 1974

New Mexico State University maintains academic, disciplinary, and other records pertaining to students in accordance with the specifications of the Family Educational Rights and Privacy Act of 1974 and amendments. Students who are interested in accessing their records should make their requests to the chief administrator of the following offices:

- Admissions
- Auxiliary Administration
- Counseling and Student Development Center
- Dean of NMSU Colleges of Arts and Sciences, Business, Education, Engineering, Health and Social Services
- Vice President for Student Success & Extended Learning
- Dining Services
- Financial Aid
- Housing and Residential Life
- Placement and Career Services
- Registrar
- Student Support Services
- Vice President for Student Success

Directory information will be released upon request unless the student does not wish such a release and notifies the Registrar's Office in writing. Directory information includes student's name, address, e-mail address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and most recent previous educational agency or institution attended by the student.

Disclosure of the types of records maintained by the institution is available upon request by the student as are all other requirements stipulated by the Family Educational Rights and Privacy Act of 1974 as they pertain to New Mexico State University. Further information regarding the details may be acquired from the Registrar’s office.

Film Policy

In order to comply with the Federal Copyright Act (Title 17 United States Code) which governs how copyrighted materials, such as films/movies, may be used, it is strongly suggested that chartered student organizations and university departments of New Mexico State University review and adhere to the following guidelines as indicated by the Motion Picture Licensing Corporation when the proposed event involves the screening of a film/movie on campus. The Department of Campus Activities will be available for consultation regarding
the public performance licensing procedures, but will not be responsible for ensuring that the student organization or university department has complied with the intent of the law and has secured the appropriate license.

By law, as well as by intent, the pre-recorded videocassettes and DVDs (referred to henceforth as “Videos”) which are available in stores throughout the United States are for all purposes intended for “home use only.” Rentals or purchases of Videos do not carry with them licenses for non-home showings. Before you can legally engage in any non-home showings, you must have a separate license, which specifically authorizes such use.

Any institution, organization, company or individual wishing to engage in non-home showings of Videos should be aware of the Copyright Act's provisions governing the showing of Videos. The Copyright Act grants to the copyright owner the exclusive right, among others, “to perform the copyrighted work publicly.” (Section 106 – FCA) In summary, the Copyright Act mandates:

- The rental or purchase of a Video does not carry with it the right “to perform the copyrighted work publicly.” (Section 202 – FCA)
- Videos may be shown without a license in the home to “a normal circle of family and its social acquaintances” (Section 101 – FCA) because such showings are not “public.”
- Videos may also be shown without a license for non-profit educational purposes and in certain narrowly defined “face-to-face teaching activities” (Section 110.1 – FCA) because the law makes a specific, limited exception for such showings. (Sections 106 and 110(1) – FCA)
- Other showings of Videos are illegal unless they have been authorized by license. Even “performances in ‘semi public’ places such as clubs, lodges, factories, summer camps and schools are ‘public performances’ subject to copyright control.” (Senate Report No. 94-473, page 60; House Report No. 94-1476, page 64)
- Institutions, organizations, companies or individuals wishing to engage in non-home showings of Videos must secure licenses to do so—regardless of whether an admission or other fee is charged. This legal requirement applies equally to profit-making organizations and non-profit institutions (Senate Report No. 94-473, page 59; House Report No. 94-1476, page 62)

Showings of Videos without licenses, when one is required, are infringements of the established copyright. If done “willfully and for purposes of commercial advantage or private financial gain,” they are a federal crime and subject to a $150,000 penalty per exhibition (Section 506 – FCA). In addition, even innocent or inadvertent infringers are subject to substantial civil damages ranging from $750 to $30,000 for each illegal showing and other penalties. (Sections 502-505 – FCA)

Obtaining a Public Performance License

Obtaining a public performance license is relatively easy and usually requires no more than a phone call. Fees are determined by such factors as the number of times a particular movie is going to be shown, how large the audience will be and so forth. While fees vary, they are generally inexpensive for smaller performances. Most licensing fees are based on a particular performance or set of performances for specified films. The major firms that handle these licenses include:

- Swank Motion Pictures, Inc. http://www.swank.com (800) 876-5577
- Criterion Pictures http://www.criterionpicusa.com
- Motion Picture Licensing Corporation (MPLC) http://www.mplic.com (800) 462-8855

Freedom of Expression Policy

New Mexico State University recognizes and promotes an intellectually open campus. The free exchange of ideas through written, spoken, and other forms of expression reflects its public land-grant heritage, support of diverse points of view, and commitment to excellence in education and research.

A. Campus Use for Free Expression. Any outdoor area that is generally accessible to the public may be used by any individual or group for petitioning, distributing written material, handing out newspapers, or conducting speech acts. Prior approval is not necessary as long as the primary action is not to advertise or sell a commercial product. Activities must follow all applicable fire codes, local, state, and federal laws.

Activities shall not:
- Unreasonably obstruct vehicular or pedestrian traffic.
- Block the entrances or exits to buildings and facilities.
- Permanently occupy land areas or permanently locate signs and posters.
- Erect permanent structures, shelters or camps.
- Unreasonably interfere with classes, university work, and scheduled events.

In exercising the right of free expression, one must also accept the responsibility of following the laws related to the safety of people and property. If property damage or excessive littering occurs, or other unusual expenses are incurred by the University as a result of the event, event organizers may be held responsible for reasonable charges if deemed appropriate by the President or his/her designee.

1. Petitioning and the Distribution and Posting of Literature and Signs

a. All literature distributed must contain identifying information, which may be either (1) the name of an NMSU-DACC sanctioned organization, or (2) the name and address (which may be an organization and e-mail address) of the unaffiliated entity or person or the telephone number of the unaffiliated entity or person for someone to contact in case of litter problems.

b. Literature may be distributed hand-to-hand, through the use of tables, or by posting on designated bulletin boards and kiosks.

c. Written materials may not be placed in non-approved locations. Written materials may not be placed on any part of a university building or structure without university permission. Posting on traffic signs, power poles, trees, and automobile windshields is not allowed.

d. Tables are allowed as long as they do not unreasonably interfere with pedestrian traffic. Materials may not be left on unattended tables. While scheduling of tables is not required in advance, those individuals who have previously scheduled a site through the Campus Activities Office or other appropriate university offices will take precedence.

2. Group Speech Activities

a. Group speech activities, including rallies, parades and demonstrations, that are advertised through public media including newspapers, radio, television, flyers, or electronic lists, may need to be coordinated through the NMSU Police Department (as described in 2b).

b. Any individual, group, or organization sponsoring a group speech activity that is expected to draw more than 100 persons at one time and uses public media for advertising must notify the NMSU Police Department no less than 72 hours in advance of the activity, so that the NMSU Police Department can take appropriate actions to ensure the safety of the event and issue a permit as proof of prior notification. Activities expected to draw 500 or more participants, or require road closures or detours, must be scheduled two weeks in advance.

c. Any individual, group, or organization planning a group speech activity is encouraged to contact the Campus Activities Office in advance so that activities may be coordinated with appropriate university offices. This will allow for locations to be reserved or other concerns to be addressed, such as the use of sound amplification equipment. Contacting the Campus Activities Office is voluntary and does not constitute an approval process.

1) All scheduling is done on a “first come, first served” basis.
2) Activities that are scheduled will receive priority in the use of space on campus.

3. Electronic Sound Amplification

a. The use of electronic sound amplification equipment is authorized in the open lots to the east of the Pan American Center and Aggie Memorial Stadium, the Corbett Center Outdoor Stage, and the “Aggie Pond” area off Espina Street, from 7:00 a.m. to 7:00 p.m., Sunday through Thursday, and from 7:00 a.m. to midnight on Friday and Saturday.

b. Sound amplification equipment may be allowed at other times and in other locations if coordinated in advance through the Campus Activities Office.

4. Use of Chalk

a. Chalk may be used on campus as long as it is restricted to concrete walkways.

b. All chalk use must be of a temporary or removable nature. Permanent chalk, such as surveyor’s chalk, may not be used under any circumstances.
B. Policy Enforcement. Any person violating this policy will be subject to:
1. Being asked to cease and desist or to relocate by appropriate university employees acting within the scope of their duties.
2. Being ordered to leave the premises or property owned or controlled by the University, the police or a person in charge of the property.
3. Institutional disciplinary proceedings under the Student Code of Conduct if the violation was committed by a student. Violations by faculty or staff will be referred to the appropriate department or academic unit.
4. Arrest for violation of local, state, and/or federal law(s).
5. Restriction of future use of, or access to, the NMSU campus.

C. Reference to Other Policies Impacting Freedom of Expression. In the event that the terms of this policy conflict with other existing policies impacting freedom of expression in areas generally accessible to the public, the terms of this policy shall prevail.

Fund Raising/Sales and Solicitation
Raising funds is a means for campus organizations to supplement their other resources in meeting the goals of their organization. In order to avoid conflicts, duplications, or violation of laws or regulations, it is necessary to establish guidelines to aid in coordinating such activities.

Although the University supports organizational fund-raising efforts, it recognizes that the campus is not a market place to be exploited by opportune entrepreneurial projects. Fund raising is not the primary function of student organizations, and campus organizations do not have an implicit right to use the campus or the community for fund-raising activities.

Fund raising through sales and solicitations, both on and off campus, are governed by University Sales and Solicitation Policies. Full text copies of these policies are available from the Campus Activities Office. The Director of Campus Activities is responsible for interpreting the Sales and Solicitation Policy. The Campus Activities Office is located in Corbett Center Student Union, room 235.

Dining Regulations
Dining regulations are contained in the Dining Services contract, which each student agrees to when applying for dining services. Additional copies are available in the ID Card Office. Upon reasonable notice and for good cause the University reserves the right to terminate the Dining Agreement for failure of the student to abide therein. Examples of good cause include, but are not limited to, failure to abide by the terms of the Dining Agreement, a change in student status (including academic or disciplinary suspension), or a failure to comply with the policies and regulations contained in the Campus Dining Services program brochure and/or official informational bulletins distributed by Campus Dining Services which are thereby incorporated into Dining Services Agreement. Dining regulations are enforced under the Student Code of Conduct.

Housing and Residential Life Application
Acceptance Policy
The University reserves the right to refuse to give a housing assignment to any student. Examples of reasons for refusal include, but are not limited to, having a criminal history, behavioral problems which may, in the opinion of the University, negatively impact the group-living environment, previous evictions from campus housing, and a poor rental history.

Housing and Residential Life Regulations
Housing regulations are contained in the Single Student Housing License Agreement, which each student agrees to when applying for housing services, as well as the “Housing and Residential Life Handbook,” which each student receives at move-in. Additional copies are available at the Housing Office and all residential area offices. Students living off campus are also subject to housing regulations when visiting residential areas. Housing regulations are enforced through the Housing and Residential Life Office as well as through the Student Code of Conduct.

Procedures for Entry and Search of University-Operated Housing
The University respects the student’s desire for privacy within the realm of the group-living experience on state property and will make every effort to protect that privacy. Campus premises occupied by students and the personal possessions of students shall not be searched unless appropriate authorization has been obtained. Campus living quarters may be entered for the purposes and under the restrictions listed:

A. Procedures for Entry
1. Maintenance: Premises may be entered after knocking, to give attention to health, sanitation, maintenance, and safety requirements.
2. Inspections: Housing personnel and any other appropriate university official(s) or staff may enter any room/house/apartment for inspection purposes with appropriate written notice. Twenty-four hours’ notice will be given whenever possible. Housing personnel or any other appropriate university official conducting the inspection shall report violations of university regulations and state or federal laws via established procedures.
3. Other:
   a. The University Housing staff may enter a room/house/apartment, after knocking, without written authorization when there exists immediate and compelling cause, e.g., loud noise, complaints from other residents, emergency circumstances (such as fire evacuation), or similar occurrences. Evidence of regulatory or statutory violations that exist in plain and open view of the entering staff members may be used in initiating disciplinary procedures.
   b. In instances where immediate and compelling cause does not exist, written authorization from the individual in charge of the residential area or his/her superior must be obtained prior to entry. Such authorization must show reasonable cause; i.e., there must exist a reason to believe, other than mere suspicion, that violations of federal and state statutes or university regulations are occurring. If the occupant of the room/house/apartment is absent, a staff member of the residential area must be present during the entry. Evidence of regulatory or statutory violations that exist in plain and open view of the entering staff member may be used in initiating disciplinary procedures.
   c. Police entrance shall be governed by the requirements of customary legal investigative practice.

B. Procedures for Administrative Search. Upon presentation of reasonable cause, the Director of Housing and Residential Life or his/her superior may issue written authorization for the search of a designated room/house/apartment and the contents thereof. The authorization states the reason(s), cause(s), or condition(s) necessitating the search shall be presented to the designated occupant(s) prior to the search. In execution of the search, the Director of Housing and Residential Life or his/her designee, the Coordinator for Residential Communities or his/her designee, and the occupant should be present; however, it is not imperative that the occupant be present.

C. Appeal and Grievance Redress
1. Entry and Search Authorization Appeals. In cases where disciplinary procedures arise from evidence obtained on the basis of entry or search authorizations, the cause for, validity, or scope of the authorization may be challenged by the student-defendant and such challenge must be adjudicated by the University disciplinary system before any further action is taken.
2. Grievance Allegations. In such case that a student believes his/her guaranteed rights have been violated by an act of entrance or search, he/she may present written allegation of this belief to the President for Student Success who shall thereupon require an investigation of the allegation. Should this investigation demonstrate that a University employee has intentionally or negligently violated a student’s rights, this employee shall be subject to disciplinary action, including possible termination.

Nondiscrimination Policy
The University is dedicated to providing equal employment and educational opportunities to all persons without regard to age, ancestry, color, disability, gender, gender identity, national origin, race, religion, sexual orientation, spousal affiliation, or veteran status. The University strives to comply with all federal and state nondiscrimination laws, including:
- Titles VI and VII, Civil Rights Act of 1964
- Age Discrimination in Employment Act of 1975
- Equal Pay Act of 1963
- Pregnancy Act of 1978
- Education Amendments of 1972, Title IX
- Section 504 of the Rehabilitation Act of 1973
- Vietnam Era Veterans Readjustment Act of 1974
Executive Order 11246
Executive Order 11141
Americans with Disabilities Act of 1990
Civil Rights Act of 1991
New Mexico Human Rights Act

This dedication extends to recruitment, hiring, promotion, compensation, training, benefits, separations, and to the availability and delivery of all educational, academic, and student welfare programs and services. The Office of Institutional Equity/EEO Office is responsible for ensuring compliance with equal employment opportunity programs throughout the University. Any individual who wishes to file a discrimination complaint or discuss discrimination issues is encouraged to contact the Office of Institutional Equity/EEO Director or the Human Resources (Personnel) Director if the individual is uncomfortable reporting the complaint to the Office of Institutional Equity/EEO Director. For nondiscrimination complaints or matters, employees may contact the Assistant Director of Employee Relations, Hadley Hall, room 15 (telephone, 646-4148).

To access the complete grievance procedures for discrimination, please refer to Chapter Four, Section 4.05.10 of the New Mexico State University Policy Manual (dated May 6, 2011). Copies of this policy manual may be obtained via the Human Resources (Personnel) website at http://www.nmsu.edu/manual/

Sexual Harassment Policy and Hostile Work/Academic Environment Policy. To access the complete Sexual Harassment Policy, please refer to Chapter Three, Section 3.94 of the New Mexico State University Policy Manual (dated May 6, 2011). Copies of this policy manual may be obtained via the Personnel website at http://www.nmsu.edu/manual/

All employees and students should be aware that the University is prepared to take action to prevent and remedy such behavior, and that individuals who engage in such behavior are subject to disciplinary action. Faculty and staff with actual or apparent authority who engage in sexual harassment or neglect to control the work environment may be held accountable. Anyone who has been subjected to sexually offensive behavior or conduct in the classroom or work environment is encouraged to contact the Office of Institutional Equity/EEO Director at 646-3635 or visit the office located in O’Loughlin House on University Ave.

DISABILITY: Qualified students with disabilities are to be provided with reasonable accommodation in accessing buildings, programs, and services. Students are encouraged to contact the Services for Students with Disabilities Office at 527-7548 for academic related services and resource information. Disability-based discrimination grievances may be filed according to the procedures set forth in Section 4.05.10 of the New Mexico State University Policy Manual (dated May 6, 2011).

Parking and Traffic Regulations

Anyone who parks anywhere on campus must obtain and display a parking permit, unless the vehicle is parked in a free lot or at a paid parking meter. The individual in whose name a vehicle is registered or a permit is issued with the Parking Office will be responsible for any violations of the Parking and Traffic Regulations. Additionally, all motor vehicle statutes of the State of New Mexico apply. Call 646-1839 or visit www.nmsupolice.com for more information.

Posting Policy

Written information may be posted on campus at designated locations (a list may be obtained from the DACC, Student Activities Office). Written materials may not be placed on automobile windshields, traffic signs, power poles, trees or any part of a university building or structure including walls, glass, doors, and floors. Permission to use building bulletin boards is at the discretion of the building monitor and use must conform to faculty operating policies where they exist.

Posters or signs providing directions or information related to a convention or special event may be placed on single stakes and displayed on the date of the event, but must be removed by the sponsoring group when the event is over.

Questions related to the interpretation of this policy should be directed to the Office of Campus Activities.

Smoking Policy

Accumulating evidence has shown environmental or second-hand tobacco smoke increases the risk of cancer and other health hazards for nonsmokers as well as smokers. NMSU has a vital interest in maintaining a healthy and safe environment for its students, faculty, staff and visitors while respecting individual choice. Consistent with these concerns and the New Mexico Clean Indoor Air Act, NMSA 1978, § 24-16-1 through 11, the following policy has been established to restrict smoking of tobacco, or any other weed or plant, and provide procedures for accommodating the preferences of both smokers and nonsmokers.

Smoking of tobacco products is prohibited in all buildings (exceptions below) owned or leased by the University as well as within 25 feet of building entrances and exits, vehicles, and during some organized outdoor events on University property.

SMOKE-FREE AREAS. Smoking is prohibited in or at:

- all enclosed buildings and facilities including classrooms, offices, food service venues, lavatories, and most residence halls (in accordance with Housing and Residential Life policies);
- within 25 feet of building entrances and exits (when reasonable) and fresh air intake grills unless there is a specially designated smoking area
- partially or fully enclosed walkways, corridors, elevators
- vehicles owned, leased or rented by the University; and
- within 50 feet of any area where flammable materials are handled or stored, or where other significant fire hazards may exist
- indoor athletic or other university-sponsored or designated events

No-smoking signs or the international no-smoking symbol will be posted at major entrances of all university buildings, except for those campus residences where smoking is permitted.

SMOKING PERMITTED AREAS. Smoking is permitted outdoors on university property except during organized events which have been designated as “No Smoking”. Individuals choosing to smoke outdoors must be 25 feet from doorways, open windows, enclosed walkways, and ventilation systems to prevent smoke from entering enclosed buildings and facilities, and to prevent public access from being denied to an individual with a respiratory medical condition.

In accordance with Housing and Residential Life policies, smoking is permitted in those units which constitute private residences; when everyone in the shared residence is a smoker or at the discretion of each Family Housing unit. Fraternities and sororities will work toward an agreement, consistent with university policy in effect during the current school year.

EDUCATION AND SERVICES FOR SMOKERS. In light of numerous adverse health effects associated with active smoking, and with exposure to second hand smoke, the University will provide educational services to faculty, staff, and students about the hazards of smoking and information and services on quitting smoking. In addition to consulting with their own health care providers, students, faculty, and staff may get assistance from the following university programs:

- Students may contact the NMSU Student Health Center for information and programs on quitting smoking.
- Faculty and staff may obtain assistance in smoking cessation through the Employee Health Center.

COOPERATION AND COMPLIANCE. This policy relies on the mutual courtesy and cooperation of smokers and nonsmokers for its success. It is the responsibility of all members of the NMSU/DACC community to observe the provisions of this policy on smoking. Complaints or concerns or disputes regarding its implementation should be referred to the immediate supervisor for resolution. Environmental Health & Safety will assist in determining what distance or location is reasonable for the particular situation. If a resolution cannot be reached, the matter will be referred by the supervisor to the appropriate Department Head, Director, Dean, or Vice-President for mediation. Managers, Department Heads and Unit Directors are responsible for seeing that persons in their areas are informed and comply with this smoking policy. Those having difficulty complying with these restrictions are encouraged to seek assistance from the resources listed in Section 4. Students, faculty, and staff violating this policy are subject to disciplinary action. Any person who commits an unlawful act under any of the provisions of the New Mexico “Clean Indoor Air Act” shall be fined in an amount not less than ten dollars or more than twenty-five dollars for each violation.

DISPOSAL OF TOBACCO WASTE. Anyone who chooses to smoke or use smokeless tobacco on campus must discard the waste in an appropriate manner.

Note: Policies are subject to change; check the NMSU website for updated information at www.nmsu.edu/~vpsa/handbook.html

2011-2012 STUDENT HANDBOOK
Constitution of the Associated Students of Doña Ana Community College

ARTICLE I: Preamble
We, the students of Doña Ana Community College, hereby adopt this Constitution which makes provision for a democratic student government organization. The executive committee will consist of a President, Vice-President, Secretary, and treasurer, duly elected by the Doña Ana Community College student body. The academic divisions will be represented by Senators from within each of the divisions and shall be elected by their constituency from their respective divisions. This student government will provide a communication link with the Doña Ana Community College administration, faculty, and student body. The name of this organization shall be called "Associated Students of Doña Ana Community College," hereafter referred to as the ASDACC.

ARTICLE II: Purpose
The primary purpose of the ASDACC shall be as follows:
A. To represent the student body of Doña Ana Community College.
B. To encourage cooperation and communication between the students, faculty, and all other campus organizations.
C. To provide a forum for student expression and the exchange of student-faculty views.
D. To enhance the quality of student life at this campus.
E. To develop good citizenship attitudes by performing community service projects.

ARTICLE III: Membership
Section 1: The membership of Associated Students shall consist of the following:
A. Executive Committee: The Executive Committee shall consist of the following elected officials:
   1. President
   2. Vice-President
   3. Treasurer
   4. Secretary
   5. Past President
B. Senators: Senators shall elect, by vote, a Senate leader.
   1. The Senate leader will attend all executive board meetings.
   2. The Senate leader will work with the Vice-President to assign senator duties.
C. Senators: The Senators shall consist of one (1) representative from each officially sanctioned club of DACC. Either the president or vice-president of each officially sanctioned club shall be appointed to serve as a senator to ASDACC.
D. Executive Board:
   1. The Executive Board shall consist of the ASDACC Executive Committee, the Student Activities Specialist, and the Vice President for Student Services.
   2. The Executive Board will meet prior to each ASDACC general meeting.
E. ASDACC Senate:
   1. The ASDACC Senate will consist of all senators appointed to ASDACC.
   2. The ASDACC Senate will meet prior to each ASDACC general meeting.
   3. Terms of Office: All ASDACC officers and senators shall serve for one (1) year, commencing July 1 and ending June 30 of each year.
D. Executive Board:
   1. The Executive Board shall consist of the ASDACC Executive Committee, the Senate Leader, the Student Activities Specialist, and the Vice President for Student Services.
   2. The Executive Board will meet prior to each ASDACC general meeting.
E. ASDACC Senate:
   1. The ASDACC Senate will consist of all senators appointed to ASDACC.
   2. The ASDACC Senate will meet prior to each ASDACC general meeting.
The Senate Leader will coordinate and conduct all meetings.

ARTICLE IV: Meetings and Committees
Section 1: The ASDACC shall hold general meetings at a minimum of once a month during the fall and spring semesters except during DACC holidays or vacations. At the first regular meeting of each semester, the ASDACC shall determine the time and date of the meetings and set a quorum. All meetings shall be conducted according to Robert’s Rules of Order.
Section 2: Only ASDACC Executive Officers and Senators have the right to vote. Students, advisors, guests, and visitors may have a voice, but no vote. The President’s vote shall be withheld and will be disclosed only in the event of a tie.
Section 3: Any student enrolled at DACC and club advisors may attend any general meeting of the Associated Students.
Section 4: Standing Committees shall be appointed as necessary by the President of the ASDACC and chaired by an officer or Senator. The chairperson shall report to the President of the ASDACC on the committee’s progress and will present recommendations, from the committee to the ASDACC in general meetings. The chairperson shall assist and coordinate the work of the committees.

ARTICLE V: Duties
Section 1: The membership of Associated Students shall consist of the following:
A. Executive Committee: The Executive Committee shall consist of the following elected officials:
   1. President
   2. Vice-President
   3. Treasurer
   4. Secretary
   5. Past President
B. Senators: The Senators shall consist of one (1) representatives from each officially sanctioned club of DACC. Either the president or vice-president of each officially sanctioned club shall be appointed to serve as a senator to ASDACC.
C. Senate Leader: Senators shall elect, by vote, a Senate Leader.
   1. The Senate Leader will attend all executive board meetings.
   2. The Senate Leader will work with the Vice-President to assign senator duties.

ARTICLE VI: Elections
Section 1: Executive Officers shall be elected at large by the general student body at DACC. To be eligible to run for office, a student shall have a cumulative GPA of 2.5 or better, shall be enrolled in a minimum of 6 credits at DACC and have a declared major. DACC Executive Officer candidates must also be good in academic standing and not have any Student Code of Conduct violations as determined by the Vice President for Student Services. During the Spring Semester, it shall be the duty of the President to announce the date of the elections. Within two (2) weeks after the announcement of the elections, each student who desires to become a candidate for executive office must present to the ASDACC a complete petition for candidacy with at least fifty signatures from students of DACC. If a student signs a petition for more than one person for the same office, his/her signature on all such petitions shall be declared void.
B. Senators shall be appointed from their respective officially sanctioned student club.
C. All candidates will be given an opportunity to campaign with posters and pin-on materials, to be placed throughout the campus in areas designated by the ASDACC. Any questionable material must be presented for approval to the ASDACC Executive Committee.

Section 2: Voting shall take place on-line and shall be supervised by the Student Activities Specialist. Voting in the general election will be open to the DACC student body.
Article VII: Order of Succession

Section 1: Any elected official desiring to resign from the ASDACC shall submit his/her resignation in writing to the President (with copies to the Student Activities Specialist, and the Vice President for Student Services), who shall read the letter of resignation under “New Business” for the acknowledgment of the Associated Students.

In the event of the President’s resignation, the letter will be addressed to the Vice President for Student Services with a copy to the Student Activities Specialist. Should the President, in some manner, be rendered temporarily unable to fulfill the duties and discharge the powers of his/her office, authorities, responsibilities and duties of such office, the Presidency will be turned over to the Vice President, and shall revert back to the President upon his/her declaration of fitness to serve. In the event the President should resign or be removed from his/her office, the duties and responsibilities shall be given to the Vice President.

The President for Student Services, Student Activities Specialist, Executive Committee, and Senate will determine the order of succession of executive responsibility in the event that both the President and Vice President suffer disability or in some manner become unable to fulfill their responsibilities.

If the Vice President resigns, procedure will be followed per Article VII, Section 1, paragraph 1. If the Vice President is recalled or in some manner rendered unable to fulfill his/her duties, authorities, responsibilities or such office, the position of the Vice President will be left to the Executive Committee to fill. An announcement will be made within five (5) working days to all DACC Students that the Vice Presidency is vacant. The proper procedures will be followed with a letter of petition submitted within one (1) week after the vacancy has been announced. These petitions will be reviewed by the Executive Committee and all candidates will be given the opportunity to speak before the ASDACC. A quorum is required to vote, and the ASDACC, by secret ballot, will determine who will fill the position of the Vice Presidency. The Executive Committee shall have the power to appoint a Secretary or Treasurer in the event of a resignation, recall, or other circumstance by which the office becomes vacant.

(A) Senator(s) who resigns his/her/their seat or is/are recalled will be replaced by another student in that student club. Applications for the open positions will be reviewed, and the Executive Committee will then appoint a replacement from the applications.

Section 2: A two-thirds majority vote of Associated Students members is required for the recall of any elected or appointed official. This recall would be due to the neglect of performance of duties as specified by the Constitution.

Article VIII: Organizations/Clubs

Section 1: To be chartered through the Associated Students, an organization shall have a membership of seven or more students, and two (2) community-service or campus projects per semester. Organizations shall submit an application of recognition and a copy of its by-laws to the Associated Students for membership and recognition at the beginning of each school year.

Section 2: For the purpose of obtaining any needed funds, all chartered organizations shall make a request to the Associated Students in the form of a “Request for Funding” (RFF), which must be presented to the ASDACC at least ten (10) business days prior the next scheduled ASDACC meeting. After the RFF has been reviewed by the Executive Board, it is then presented to the ASDACC at the regular meeting by a Senator representing the organization, group, or person(s). At that time, a vote will be taken and the results announced. Results will be contingent upon club participation as stated above, including representation of club members at general ASDACC meetings in addition to any ASDACC officers who may be club members as well. Any organization failing to conduct business in the best interest of the DACC and not abiding by their By-laws may be recalled from recognition with the ASDACC, thus being denied funds from the Associated students. Exception to this policy can be addressed to the ASDACC in a closed meeting.

Article IX: Budgets

Section 1: The Associated Students Doña Ana Community College will adhere to expenditure procedures as outlined in the NMSU Business Policies and Procedures Manual. Financial records shall be maintained by the Doña Ana Community College Finance Office. The Finance Office shall provide monthly reports of all transactions to the treasurer of the Associated Students so that an accurate record of finances can be recorded by the ASDACC. All funds shall be distributed through the DACC Finance office.

Section 2: Associated Students monies must be expended according to the following guidelines:

A. Annual expense budget will be prepared and approved by the ASDACC and the executive board before any expenditure can be disbursed.

B. The President and the treasurer are the only persons who can sign request for funding/purchase orders for expenditures approved by the Associated Students.

C. All expenditures require the signature of either the President, the Treasurer, or the Student Activities Specialist.

D. Expenditures in excess of $250 require a request for funding (with signatures) and a purchase order signed by the Vice President for Student Services.

E. Expenditures in excess of $1,500 require competitive quotes and should be coordinated with the Vice President for Student Services and the Vice President for Business and Finance.

Section 3: Associated Students of DACC shall submit an annual expense budget to the Vice President for Student Services for use by the Associated Students of DACC.

Article X: Payment to Officers and Senators

Section 1: The Vice President for Student Services and the Student Activities Specialist shall agree on a set amount to be paid each Executive Officer on an annual basis. Payments to officers will be disbursed according to Human Resources Policy.

Section 2: The Vice President for Student Services and the Student Activities Specialist shall agree on a set amount to be paid each Senator on a semester basis.

Article XI: Emergency Action Clause

Section 1: The Executive Committee shall establish regular meeting times for themselves to discuss agendas and other issues which need to be presented to the general membership. The Executive Committee shall have the power to act in the name of Associated Students in situations where the membership cannot be called into session and immediate action is necessary. The Executive Committee shall report any action taken to the general membership at the next scheduled meeting.

Section 2: The President has executive power to make decisions in the name of Associated Students in a situation where the Executive Committee cannot be called into session and immediate action is necessary. The President shall report any action taken to the Student Activities Specialist and the Vice President for Student Services. The President shall report any action taken at the next regular scheduled Associated Students meeting.

Article XII: Amendments to Constitution

Section 1: This Constitution can be amended or revised by a two-thirds (2/3) majority vote of the membership of the Associated Students. The proposed amendment or revision shall be typed and presented at the next general meeting of the Associated Students. The proposed amendment(s) or revision(s) shall not be discussed or voted upon until the next general meeting. If passed, the proposed amendment(s) or revision(s) will be reviewed by the Vice President for Student Services for approval or veto.

Section 2: By-laws may be repealed by a two-thirds (2/3) majority vote of the membership of ASDACC. The proposed repeal shall be typed and submitted to the Associated Student membership at the next general meeting. The proposed repeal shall not be discussed or voted upon until the next general meeting. If passed, the proposed repeal shall be reviewed by the Vice President for Student Services for approval or veto.
Governance and Personnel

NMSU Board of Regents
Laura M. Conniff, Chair
Isaac Pino, Vice Chair
Christopher Dulany, Secretary-Treasurer
Mike Cheney, Member
Javier Gonzales, Member
Mark Andersen, Ex Officio Member
Travis Dulany, Ex Officio Member

NMSU Administration
Barbara Couture, President
Wendy Wilkins, Interim Executive Vice President and Provost

DACC Advisory Board
Chuck Davis, President, Las Cruces Public Schools
David Franzoy, Vice President, Hatch Valley Public Schools
Maria Saenz, Secretary, Gadsden Independent School District
Craig Ford, Member, Gadsden Independent School District
Paul Dulany, Member, Hatch Valley Public Schools
Connie Phillips, Member, Las Cruces Public Schools
Anna Lisa Banegas-Pena, Ex Officio Member, Hatch Valley Public Schools
Cynthia Nava, Ex Officio Member, Gadsden Independent School District
Stan Rounds, Ex Officio Member, Las Cruces Public Schools

DACC Administration
Huerta, Margie (2000), President; Ph.D. 1990, New Mexico State University
Lovealce, Margaret (2009), Special Assistant to the President, Academic Affairs, Ed.D. 2008, New Mexico State University
Ledesma, Amadeo ‘ike’ (2005), Vice President for Student Services; M.S. 2003, Texas Tech University
Burke, Andrew J. (1984), Vice President for Business and Finance; M.Acc. 1989, New Mexico State University

DACC Professional Staff
Aguilera-Goerner, Carmen (2002), Director, Gadsden and Sunland Park Centers; Ed.D. 2008, New Mexico State University
Aguirre, Irene (1984), Program Coordinator, Sunland Park Learning Center
Alamir, Garadan (2009), Telecomm Analyst, Intermediate II, Computer Support; B.S. 2005, New Mexico State University
Allen, Lori (2002), Director, Computer Support; B.S. 1984, Wilmington College
Alvarez-Aguirre, Guillermina (2002), Program Coordinator, Mesquite Community Project; M.A. 2002, New Mexico State University
Arias, Kelly H. (2008), Academic Advisor, Technical and Industrial Studies; M.S. 2008, New Mexico State University
Atma, Marina (2008), Training Specialist, Customized Training Program; B.B.A. 2005, New Mexico State University
Bagwell, Lydia A. (1998), Division Dean, Professor, Business and Information Systems; M.Acc. 2001, New Mexico State University
Bernal, Rachel, (2005), Academic Advisor, Health and Public Services Division; M.A. 2008, New Mexico State University
Brooks, Marty G. (2007), Academic Advisor, Advising Center; B.A. Mgt. 2000, New Mexico State University
Caro, David (2008), Financial Aid Advisor, Financial Aid and Scholarships; B.S. 2003, University of Phoenix
Carrillo, Omar (2007), Web Developer, Senior, Computer Support; B.S. 1996, New Mexico State University
Chairez, Gladys (1996), Director, Financial Aid and Scholarships; M.A. 2009, New Mexico State University
Cisneros, Michelle, (2007), Financial Aid Advisor, Financial Aid and Scholarships Department; M.A. 2010, New Mexico State University
Collins, Audrey, (2007), Program Coordinator, Customized Training, Continuing Education Division; B.S. 1995, New Mexico State University
Contreras, Rosalina (1999), Student Activities Officer, Student Services; M.B.A. 1979, American Graduate School of International Management/Thunderbird
Deitner, Robert (2009), Institutional Researcher, Institutional Effectiveness and Planning; B.S. 1980 University of Minnesota, Duluth
De La Torre-Burmeister, Rosa (2009), Director, Career Services; B.A. 1995, William Penn University
Diaz, Raymundo Jr. (2000), Academic Advisor, Gadsden Center; M.A. 1984, University of Texas–El Paso
Dominguez, Arturo (2008), Tutor Coordinator, Student Success Center; M.A.T.M. 2010, New Mexico State University
Dutton, Don (2010), GED and Computer Literacy Coordinator/College Instructor, Adult Basic Education; M.S. 1997, National University
Ellis, Stan (2010), Security Coordinator, Facilities Support; B.S. 1979, University of Missouri, Columbia
Flores, Estela (2001), Teacher, Intermediate, Mesquite Learning Center; B.C.S. 2001, New Mexico State University
Flores, Rose Mary (1997), Tutor Coordinator, Student Success Center; M.A.E.M.D. 2010, New Mexico State University
Gallegos, Michael (2010), Academic Advisor, Adult Basic Education; B.A. 2005, New Mexico State University
Garcia, Mozella (2001), Director, Student Success Center; Ed.D. 2007, New Mexico State University
Glenn, William (1994), Executive Director, Workforce Development, Continuing Education; Ed.D. 1982, New Mexico State University
Gonzales, Victoria L. (1992), Academic Advisor, Dual Credit Program; A.A.S. 1990, Doña Ana Community College
Hadley, Claudia M. (2004), Advisor, Small Business Development, Small Business Development Center; M.B.A. 1998, Santo Tomas de Aquino University, Colombia
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Hobbs, Evelyn (2007), Division Dean, Associate Professor, Health and Public Services; M.Ed. 1976 University of Washington
Kalish, Mia (2010), Analyst II, Institutional Effectiveness and Planning; Ph.D. 2007, New Mexico State University
Keeton, Kendrick D. (2010), Librarian, Library and Learning Technology Division, M.S. 2009, University of North Texas, Denton
Kiefer, Jackie (2007), Adult Education Program Coordinator, Adult Basic Education; M.A. 2005, National-Louis University – Chicago
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Kong, Rebecca A. (1984) Division Dean, Professor, Technical and Industrial Studies; M.A. 1982, University of Kentucky
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Lillbridge, Fred (1998), Associate Vice President for Institutional Effectiveness and Planning; Ph.D. 1992, New Mexico State University
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Duran, Maria, Custodial Worker, Sr
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Vasconcellos, Mark (2007), Instructor, Digital Imaging and Design Technologies; B.A. 1985, San Jose State University
Vaughn, Lamaia (2006), Assistant Professor, Digital Imaging and Design Technologies; M.F.A. 1991, University of Southern California
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Williams, Heather (2008), Assistant Professor, Arts and Humanities; M.A. 2000, New Mexico State University
Williams, Susan L. (1999), Professor, Business and Marketing; M.B.A. 1988, New Mexico State University
Watson, Edward (2010), Instructor, Emergency Medical Services; A.A.S. 2000, New Mexico State University
Wood, Susan (1996), Professor, English and Communication; M.A. 1990, University of Utah
Wootton, Derrik A. (2009) Instructor, Industrial Technology; B.A. 2008, New Mexico State University

DACC Support Staff
Altamirano, Ben, Registration/Facility Specialist
Angel, Michael, Custodial Worker, Sr
Aragon, Charles, PC Support
Arias, Jose R., Custodial Worker, Sr
Armendariz, Raquel, Admin Assistant, Associate
Austin, William, Security Guard
Avant, Susan H., Admin Assistant, Associate
Barba, Armida, Custodial Worker, Sr
Bell, Aberlena, Admin Assistant, Associate
Bell, Kathleen, Supervisor, Computer Lab
Bernal, Nora, Lab Tech, Instruction
Burkholder, Beth, Admin Assistant, Associate
Bustamante, Minerva, Admin Assistant, Associate
Cabrera, Gabriel, Security Guard
Campos, Luis, Security Guard
Carasco, Martha, Admin Assistant, Intermediate
Carrera, Leticia, Custodial Worker, Sr
Casas, Steven, PC Support
Castillo, Felicia, Admin Assistant, Associate
Ceballos, Yolanda, Mailroom Clerk, Associate
Chaparro, Angela, Custodial Worker, Sr
Cisneros, Guadalupe, Custodial Worker, Sr
Contreras, Anna, Manager, Cashier
Correa, Mario, Security Guard
Daniels, Christopher, Security Guard
DeBoy, Kathleen, Library Specialist, Sr
Dixon, Karen, Admin Assistant, Associate
Dominguez, Gloria, Admin Assistant, Associate
Donez, Gina, Admin Assistant, Associate
Doyle, Robert, Lab Tech, Instruction
Duran, Maria, Custodial Worker, Sr
Esparra, Maria "Lisa", Admin Assistant, Intermed
Estrada, Mariela, Custodial Worker, Sr
Ferrales, Arturo, HVAC Mechanic
Fiumara, Dominick, Lab Technician, Instruction
Garcia, Patricia, Admin Assistant, Associate
Garcia, Viola, Administrative Assistant, Associate
Gonzalez, Cesar, Security Guard
Gonzalez, Luz, Administrative Assistant, Associate
Gonzalez, Nancy, Lab Technician, Instruction
Guerra, Roel, Facilities Technician
Guilien, Carlos, Facilities Technician
Guzman, Kimberlynn, AdminAssistant, Associate
Hardy, Della, Supervisor, Computer Lab
Henry, Elsa, Senior Fiscal Assistant
Hernandez, Dora, Admin Assistant, Associate
Hernandez, Javier, Custodial Worker, Sr
Hernandez, Luz, Admin Assistant, Associate
Hernandez, Olga, Education Program Facilitator
Hernandez, Terry, Security Guard
Herrera, Cynthia, Custodial Worker, Sr
Herrera, Mariano, Supervisor, Computer Lab
Hill, Jim, PC Support
Honeycutt, Gene, PC Support
Isaacs, Steven, Supervisor, Computer Lab
Ivey, Debra, Lab Technician, Instruction
Katayanagi, Sandy, Admin Assistant, Intermediate
Lara, Art, Facilities Technician
Lee, Walter, CC Lab Technician, Instruction
Leighton, Paula, Admin Assistant, Associate
Leyva, Martha, Custodial Worker, Sr
Lilley, Denise, Admin Assistant, Intermediate
Limon, Gilbert, Facilities Technician
Lira, Gerardo, Custodial Worker, Sr
Lofin, Sallie, Administrative Assistant, Associate
Lopez, Rosa L., Custodial Worker, Sr
Lucero, Monica, Cashier, Department
Lujan, Albertina "Tina", Admin Assistant, Assoc
Lujan, Linda A., Admin Assistant, Associate
Madell, Sylvia, Lab Technician, Instruction
Manley, Rikki, Administrative Assistant, Associate
Maldonado, Rebecca, Fiscal Assistant, Sr
Marin, Ashley, Administrative Assistant, Associate
Martin, Kristi, Program Coordinator Assistant
Martinez, Juan, PC Support
Martinez, Juana, Custodial Worker, Sr
Martinez, Rosemary, Admin Assistant, Associate
Martinez, Vincent, Lab Technician, Instruction
Medina, Donna, Admin Assistant, Intermediate
Mejias, Alejandro, Custodial Worker, Sr
Melendez, Maria, Cashier, Department
Miranda, Edgard, Admin Assistant, Associate
Miranda, Lupe, Administrative Assistant, Associate
Molina, Maria, Education Program Facilitator
Monsivais, Aureliano, Custodial Worker, Sr
Monsivais, Raul, Custodial Worker, Sr
Montano, Vita, Library Specialist, Sr
Montoya, Elisa, Administrative Assistant, Associate
Montoya, Patricia, Lab Technician, Instruction
Montoya, Ricardo, Multi-Media Specialist
Morales, Elvira, Administrative Assistant, General
Munoz, Abigail, Admin Assistant, Intermediate
Murphy, Eddie, Custodial Worker, Sr
Nash, Loretta, Telecommunications Technical Support Specialist, Associate
Olivas, Melanie, Admin Assistant, Intermediate
Ortiz, Delbert H., Supervisor, Custodial
Ovalle, Amanda, Cashier, Department
Pacheco, Olga, Administrative Assistant, Associate
Padilla, Benjamin, Mailroom Clerk, Associate
Palacios, Teresa, Admin Assistant, Intermediate
Paiz, Paula, Administrative Assistant, Associate
Pelletier, Jennifer, Admin Assistant, Associate
Perez, Enrique, PC Support
Perez, Jessica, Lab Coordinator
Peterson, Kameron, Data/Records Coordinator
Picazo, Corina, Administrative Assistant, Associate
Pineda, John, Lab Technician, Instruction
Ponce, Rebecca, Library Assistant
Quezada, Rosalina, Custodial Worker, Sr
Ramirez, Jacqueline, Admin Assistant, Associate
Reyer, Anthony, HVAC Mechanic
Rios, Felicia, Administrative Assistant, Associate
Rivera, Holly, Administrative Assistant, Associate
Rivera, Rhonda, Admin Assistant, Associate
Robinson, Barbara, Admin Assistant, Intermediate
Rodriguez, Becky, Admin Assistant, Associate
Rodriguez, Irene, Admin Assistant, Associate
Rodriguez, noe, Lab Technician, Instruction
Rodriguez, Raymond, HVAC Mechanic
Romero, Anna, Administrative Assistant, Associate
Saenz, Samuel, Custodial Worker, Ld
Sanchez, Eddie, Lab Technician, Instruction
Sandoval, Diana, Admin Assistant, Associate
Santos, Rodner, PC Support
Segovia, Melissa, Admin Assistant, Associate
Serna, Rosana, Records Tech II
Spiegel, Peggy, Supervisor, College Mail Services
Strong, Andrew, Security Guard
Taylor, Tammy, Admin Assistant, Intermediate
Telles, Joe, Lab Technician, Instruction
Telles, Patricia “Pat”, Admin Assistant, Associate
Torres, Magdalena, Custodial Worker, Sr
Trujillo, Martha, Admin Assistant, Associate
Uribe, Ada Luz, Admin Assistant, Associate
Valenzuela, Aurora, Admin Assistant, Associate
Vue, Ramon, Lab Technician, Instruction
Venegas, Lorenzo, HVAC Mechanic
White, Sonia, Multi-Media Specialist
Wicker, Jennifer, Education Program Facilitator
Willborn, Tracy, PC Support
Willhite, Antha, Fiscal Assistant, Associate
Wilmoth, Leah Bollschweiler, Admin Assistant, Associate
Zieske, Kimberly, Admin Assistant, General
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### ENROLLMENT INFORMATION

**Semester when you plan to start**
- [ ] Fall
- [ ] Spring
- [ ] Summer
- Year __________

**Campus where you plan to enroll**
- [ ] Alamogordo
- [ ] Carlsbad
- [ ] Doña Ana (Includes all satellites)
- [ ] Grants
- [ ] Las Cruces-Main

**Enrollment status**
- [ ] First enrollment in ANY college or university
- [ ] Transferring to NMSU from another college or university IN NEW MEXICO
- [ ] Transferring to NMSU from another college or university OUTSIDE NEW MEXICO
- [ ] Readmission (Returning after absence from NMSU or one of the NMSU Community Colleges)
- [ ] Previously applied for admission to NMSU but did not attend. What year? ____________
- [ ] Non-degree (Applicants should review the policies on page 4 before selecting this status)
- [ ] Dual credit/Early admit (High school students only)

**Enrollment action**
- [ ] Change to Non-degree
- [ ] Change to Degree-seeking

Applies only to currently enrolled NMSU students.

**Degree expected**
- [ ] Certificate or program ___________________________________________
- [ ] Two-year associate degree
- [ ] Four-year bachelor’s degree
- [ ] Second undergraduate degree

Certificate and program applicants should see list on supplement. Non-degree applicants may skip this section.

**Field of study**
Major __________________________________________

### PERSONAL INFORMATION

**Social security number**
- [ ] [ ] [ ] [ ] [ ] - [ ] [ ] [ ]

**Office use only**
- [ ] [ ] [ ] [ ]

**NMSU ID**
- [ ] [ ] [ ] [ ] [ ] [ ]

**Legal name**

<table>
<thead>
<tr>
<th>LAST NAME</th>
<th>FIRST NAME</th>
<th>MIDDLE NAME</th>
</tr>
</thead>
</table>

**Previous or other legal names**
NAME

**Address**

<table>
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<th>APARTMENT, ROOM OR SPACE No.</th>
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<td>CITY</td>
<td>STATE</td>
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**Physical address (required if different from mailing address)**

**Phone**
- [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ]
  HOME PHONE
- [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ]
  CELL PHONE

**Email**
EMAIL

**Date of birth**
(MM-DD-YYYY)
- [ ] [ ] [ ] [ ] - [ ] [ ] [ ] [ ]

**Gender**
- [ ] Male
- [ ] Female

**Family history**
Did either of your parents or guardians graduate from a 4-year college or university?  
- [ ] Yes
- [ ] No
- [ ] Do not know

**Military service**
Are you active-duty military?  
- [ ] Yes
- [ ] No

Are you a spouse or dependent of an active-duty member of the military?  
- [ ] Yes
- [ ] No

Are you a veteran?  
- [ ] Yes
- [ ] No
Citizenship
Permanent Residents must submit a copy of their I-551 card. Passport and visa will be requested as needed. Students who request an I-20 will be required to meet the International Applicant requirements. Students who falsify their citizenship may have their admission revoked.

If other immigrant status, what is your country of citizenship?

Ethnicity/Race (Optional)
This information is requested by government agencies to demonstrate compliance with the Civil Rights Act.

Select one or more races to indicate what you consider yourself to be.

- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White

Residency
Residents of New Mexico for more than one year and residents of some other states may qualify for in-state tuition.

For more information, visit http://www.nmsu.edu/~registra/residency.html

If less than 23 years old, were you reported as a dependent on your parent or legal guardian’s federal income tax return for last year? Yes No

What is your state of legal residence?

If a New Mexico resident, as of the date of this application how long have you been living continuously in NM?

If New Mexico is your state of legal residence, what county do you live in?

SECONDARY CONTACT INFORMATION: CONTACT 1

Name

<table>
<thead>
<tr>
<th>LAST NAME</th>
<th>FIRST NAME</th>
<th>MIDDLE NAME</th>
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Email

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SECONDARY CONTACT INFORMATION: CONTACT 2

Name

<table>
<thead>
<tr>
<th>LAST NAME</th>
<th>FIRST NAME</th>
<th>MIDDLE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

Address

<table>
<thead>
<tr>
<th>STREET AND NO. OR PO BOX NO.</th>
<th>APARTMENT, ROOM OR SPACE NO.</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>CITY</th>
<th>STATE</th>
<th>ZIP CODE</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

Phone

<table>
<thead>
<tr>
<th>HOME PHONE</th>
<th>CELL PHONE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

Email

<table>
<thead>
<tr>
<th>EMAIL</th>
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</table>
**ACADEMIC INFORMATION**

**High school last attended**

<table>
<thead>
<tr>
<th>NAME</th>
<th>CITY</th>
<th>STATE</th>
</tr>
</thead>
</table>

**High school graduation or GED completion**

When did you graduate from high school?

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
</tr>
</thead>
</table>

If you are not a high school graduate, give the location of the GED testing center and the date the test was taken.

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>COMPLETION DATE</th>
</tr>
</thead>
</table>

**Previous colleges or universities attended**

If more than five, attach a sheet with additional information.

Academic regulations require that students who have registered at other colleges or universities may not disregard their records at such institutions when making application for admission to this university.

Students concealing attendance at another college or university and not submitting a transcript from that college or university will be subject to suspension.

Students must be eligible to return to their last institution in order to be admitted to NMSU.

Have you attended any educational institutions other than NMSU?

- [x] Yes
- [ ] No

<table>
<thead>
<tr>
<th>NAME OF PREVIOUS INSTITUTION (MOST RECENT FIRST)</th>
<th>FROM</th>
<th>TO</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Are you eligible to return to the last college or university you attended? If you are not certain, check with your previous institution.

- [x] Yes
- [ ] No

Have you been awarded a college or university degree?

- [x] Yes
- [ ] No

If Yes, give the degree, year and granting institution.

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>YEAR</th>
<th>GRANTING INSTITUTION</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

**TESTING DATA**

**ACT or SAT scores (For NMSU-Las Cruces applicants only)**

Test scores are required for all freshmen and for transfer students who have fewer than 30 academic credits from previous institution.

Other programs may also require ACT scores.

- [ ] I have not taken the ACT or SAT.
- [ ] I plan to take the ACT

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
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</table>

- [ ] I plan to take the SAT

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
</tr>
</thead>
</table>

- [ ] I have taken the ACT

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
</tr>
</thead>
</table>

- [ ] I have taken the SAT

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
</tr>
</thead>
</table>
APPLICATION CHECKLIST

To complete an application to NMSU, please:

☐ Complete the application form in full and submit it to the appropriate NMSU campus (see addresses below). Incomplete applications will not be processed.

☐ Ensure that all required copies of documents are mailed directly to the appropriate NMSU campus (see addresses below).

☐ Submit the $20 nonrefundable application fee by check or money order with the application form. Include your full name and date of birth.

SIGNATURE

I understand that withholding information in this application, failure to submit all documents, or giving false information may make me ineligible for admission to, or continuation at, New Mexico State University. I certify that all of the preceding statements are correct and complete.

APPLICANT’S SIGNATURE (APPLICATION MUST BE SIGNED)                                                                                                                       DATE OF APPLICATION

NMSU Alamogordo
Office of Admissions and Records
2400 North Scenic Drive
Alamogordo, NM 88310
575 439-3700
http://nmsua.edu

NMSU Carlsbad
Office of Student Services
1500 University Drive
Carlsbad, NM 88220
888 888-2199 or 575 234-9221
http://cavern.nmsu.edu

Doña Ana Community College (Includes all satellites)
Office of Admissions Office
MSC 3A, Box 30001
Las Cruces, NM 88003-8001
800 903-7503 or 575 527-7710
http://dacc.nmsu.edu

NMSU Grants
Admissions and Records
1500 N. Third Street
Grants, NM 87020
505 287-6678
http://grants.nmsu.edu

NMSU Las Cruces
Office of Admissions
MSC 3A, Box 30001
Las Cruces, NM 88003
800 662-6678 or 575 646-3121
http://admissions.nmsu.edu

Non-degree status policies

Non-degree admission is designed to meet the needs of students who do not wish to pursue a degree.

Students considering non-degree status should be aware of the following:

- Non-degree students may not transfer more than 30 credits from this status to any undergraduate degree-seeking program, or more than nine credits to a graduate degree-seeking program.
- Non-degree students are not eligible to receive financial aid, student employment or graduate assistantships.
- Non-degree students are not eligible to participate in student government or intercollegiate athletics.
- Non-degree students may not be eligible for Veterans benefits. Consult with your VA certifying official.
- Transcripts from previous institutions, high school, and/or results of college entrance exams may be required.
- Students interested in using non-degree credit for initial teacher certification or recertification in a new field will be admitted to the College of Education.
New Mexico State University
Doña Ana Community College

MSC-3DA
Box 30001
3400 S. Espina St.
Las Cruces, NM
88003-8001

Telephone
(575) 527-7500

Toll free
(800) 903-7503

http://dacc.nmsu.edu