

Approved Dual Credit Course Offerings



Course Subject	Course Title	Notes	Cr.
Program of Study: Aerospace Technology			
AERT 105 or AERT 121	Aerospace Engineering PLTW Introduction to the Aerospace Workplace		4 4
ELT 105	Basic Electricity and Electronics	Math proficiency required	3
MAT 102	Print Reading for Industry		3
MAT 105	Introduction to Manufacturing		3
MAT 110	Machine Operation & Safety		3
Program of Study: Associate of Arts			
THEA 1110G or ARTH 1115G or MUSC 1130G	Introduction to Theatre, Orientation in Art, or Western Music	Area VI Fine Arts-NMSU General Education	3
PSYC 1110G	Introduction to Psychology	Area IV Social and Behavioral Sciences-NMSU General Education	3
SOCI 1110G	Introduction to Sociology	Area IV Social and Behavioral Sciences-NMSU General Education	3
PHIL 1115G	Introduction to Philosophy	Area V Humanities-NMSU General Education	3
HIST 1110G	United States History I	Area V Humanities-NMSU General Education	3
Program of Study: Automation & Manufacturing Technology (Basic Manufacturing and Bridge Certificate)			
ELT 105	Basic Electricity and Electronics		3
MAT 102	Print Reading for Industry		3
MAT 105	Introduction to Manufacturing	Math proficiency required	3
MAT 106	Applied Manufacturing Practices		3
MAT 110	Machine Operation & Safety		3
DRFT 114	Introduction to Mechanical Drafting/Solid Modeling	Prerequisite(s): DRFT 109	3
<i>Students may earn the Basic Manufacturing certificate upon completion of the six courses listed above.</i>			
Program of Study: Automation & Manufacturing Technology			
MAT 102	Print Reading for Industry		3
MAT 105	Introduction to Manufacturing		3
MAT 110	Machine Operation & Safety		4
ELT 110	Electronics I	Math proficiency required	4
ELT 120	Mathematics for Electronics	Math proficiency required	4
ELT 135	Electronics II	Prerequisite(s): ELI 110 and ELI 120	4
Program of Study: Automotive Technology			
AUTO 113	Automotive Electricity and Electronics PT I		4

AUTO 114	Automotive Electricity and Electronics PT II	Prerequisite(s): AUTO 113	4
AUTO 115	Automotive Engine Repair		4
AUTO 122	Automotive Brakes		4
AUTO 127	Basic Automatic Transmission	Only offered as Saturday course	4
AUTO 129	Automotive Suspension, Steering, and Alignment		4
OETS 104 or OETS 118	Basic Mathematics for Technicians Mathematics for Technicians	Math proficiency required C- or higher in HS algebra 2	4 3

Students may be required to purchase tools and have an iPad for class and lab assignments.

Program of Study: Building Construction Technology & Environmental and Energy Technology

BCT 101	Introduction to Construction I	Corequisite(s): BCT 102	2
BCT 102	Introduction to Construction II	Corequisite(s): BCT 101	2
BCT 103	Construction Laboratory	Prerequisite(s): BCT 101 and BCT 102	3

Students may earn the NCCER CORE industry certification upon completion of BCT 101, 102, 103

BCT 217	Building & the Environment		3
BCT or TCEN	Elective BCT or TCEN course		3

Program of Study: Business Management

BUSA 1110	Introduction to Business	NMSU Transfer Course-Business	3
BMGT 232	Personal Finance		3
MKTG 2110	Introduction to Marketing		3
OATS 215	Spreadsheet Applications		3
BMGT 112	Banks and Your Money	Course offered in partnership with Nuesenda Credit Union	3
BMGT 221	Internship I	Students selected for internship after completion of BMGT 112	3
ACCT 2110	Principles of Accounting I	NMSU Transfer Course-Business	3
ACCT 2120	Principles of Accounting II	Preq. ACCT 2110/NMSU Transfer Course-Business	3

Program of Study: Computer and Information Technology and Cybersecurity

OECS 105	Introduction to Information Technology		3
CTEC 120	IT Infrastructure Support I		3
CTEC 130	Linux Workstation		3
CTEC 135	Windows Workstation		3
CTEC 180	Introduction to Networking		4
CTEC 290	Network Security	Prerequisite(s)/Corequisite(s): CTEC 120 and CTEC 180	3

Upon Completion of OECS 105, CTEC 120 and CTEC 122 students may earn an A+ industry certification. Students may earn the Computer Technology certificate by completing the first six courses on the list.

Program of Study: Creative Media Technology

FDMA 1545	Digital Photography and Imaging I	Access to digital camera and computer technology (Adobe Photoshop) required	3
FDMA 1535	Computer Illustration	Computer technology required	3
FDMA 1120	Print Media I	Computer technology required	3
FDMA 1515	Image Processing I	Computer technology required	3
FDMA 1710	2-D Animation	Prerequisite(s): FDMA 1535/Computer technology required	3

FDMA 1210	Digital Video Production I	Offered in Las Cruces at East Mesa campus only	3
<i>Students may earn the Creative Media Technology certificate upon completion of five of the six CMT courses listed above. Students have access to DACC open computer labs at most campus locations for desktop computer access.</i>			
Program of Study: Criminal Justice & Law Enforcement			
CJUS 1110G	Introduction to Criminal Justice		3
CJUS 1120	Criminal Law I		3
CJUS 2220	The American Law Enforcement System		3
CJUS 2120	Courts and the Criminal Justice System		3
Program of Study: Culinary Arts			
HOST 201	Introduction to Hospitality Industry		3
HOST 219	Safety, Security, and Sanitation in Hospitality Operations		3
CHEF 101	Culinary Arts Kitchen Orientation		3
BMGT 201	Work Preparation & Readiness		3
Program of Study: Drafting & Design Technologies (Architecture Tech, Civil Survey Tech, Mechanical Drafting & Solid Modeling, Pre-Architecture)			
DRFT 109	Computer Drafting Fundamentals		3
DRFT 114	Introduction to Mechanical Drafting/Solid Modeling	Prerequisite(s): DRFT 109	3
DRFT 143	Civil Drafting Fundamentals	Prerequisite(s): DRFT 109	3
DRFT 151	Construction Principles and Print Reading		3
DRFT 165	Introduction to Building Information Modeling		3
ARCH 1120	Introduction to Architecture		3
ARCH or DRFT	Elective ARCH or DRFT course		3
<i>Students may earn the General Drafting & Graphics Certificate upon completion of six (3 credit) ARCH/DRFT courses listed above.</i>			
Program of Study: Early Childhood Education			
ECED 1110	Child Growth, Development, and Learning		3
ECED 1115	Health Safety and Nutrition		2
ECED 1120	Guiding Young Children		3
CEPY 1120G	Human Growth and Behavior	ENGL 1110G Placement Required/Area IV Social and Behavioral Sciences-NMSU General Education	3
Program of Study: Education			
CEPY 1120G	Human Growth & Behavior	ENGL 1110G Placement Required/Area IV Social and Behavioral Sciences-NMSU General Education	3
EDLT 2110	Integrating Technology with Teaching		3
THEA 1110G	The World of Theatre	Area VI Fine Arts-NMSU General Education	3
Program of Study: Electrical Lineworker			
OETS 104 or	Basic Mathematics for Technicians		4
OETS 118	Mathematics for Technicians	Math proficiency required C- or higher in HS algebra 2	3
OECS 105	Introduction to Information Technology		3
Program of Study: Electronics Technology			
ELT 110	Electronics I		3
ELT 120	Math for Electronics	Math proficiency required	4

ELT 135	Electronics II	Prerequisite(s): ELT 110	4
ELT 155	Electronics CAD and PCB Design		3

Program of Study: Health Information Technology

HIT 150/AHS 120	Intro. To Medical Terminology		3
OATS 106	Business Math	Math Placement Required	3
HIT 110	Electronic Health Records		3
OATS 208	Medical Office Procedures	Prerequisite(s): HIT 150 or AHS 120	3
HIT 130	Anatomy & Physiology		3
OATS 239	Personal Development		3

Program of Study: Health Sciences

Courses in this program of study help prepare students for entry into Allied Health Occupations fields. Many of these programs have limited entry (Dental Assistant, Dental Hygiene, Diagnostic Medical Sonography, Emergency Medical Services, Health Care Assistant, Nursing, Public Health, Radiologic Technology, Respiratory Therapy)

PSYC 1110G	Introduction to Psychology	Area IV Social and Behavioral Sciences-NMSU General Education	3
AHS 120	Medical Terminology		3
BIOL 1130G or OEEM 153	Introductory Anatomy and Physiology Anatomy & Physiology for the Prehospital Care Provider (EMS)	Area III Lab Science-NMSU General Education	4 4

Program of Study: Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC)

HVAC 101	Fundamentals for Refrigeration		4
HVAC 102	Fundamentals of Electricity		4
HVAC 103	Electrical & Mechanical Controls	Prerequisite(s): HVAC 101 and HVAC 102	4
HVAC 207	Residential Air Conditioning Systems	Prerequisite(s): HVAC 103	4
OETS 104 or OETS 118	Basic Mathematics for Technicians Mathematics for Technicians	Math proficiency required	4 3

Students may be required to purchase tools and have an iPad for class and lab assignments.

Program of Study: Hospitality Services

HOST 201	Introduction to Hospitality Industry		3
HOST 202	Front Office Operations		3
HOST 219	Safety, Security, and Sanitation		3
BMGT 201	Work Preparation & Readiness		3

Program of Study: Office Administration Technology

OATS 102	Keyboarding Document Formatting	Prerequisite(s): OATS 101 or consent of instructor	3
OATS 120*	Accounting Procedures I		3
OATS 121*	Accounting Procedures II	Prerequisite(s): OATS 120 or ACCT 2110	3
OATS 203	Office Equipment and Procedures I		3
OATS 211	Information Processing I (Word)		3
OATS 215	Spreadsheet Applications (Excel)		3
OATS 217	PowerPoint Presentation	Prerequisite(s): OATS 211	3
OATS 239	Professional Development		3

Students may earn Microsoft Office Specialist certifications (**Outlook, Word, Excel, PowerPoint**) upon completion of **OATS 203, 211, 215, 217**

*OATS 120 & 121 are equivalent to ACCT 2110

Program of Study: Water Technology

WATR 120	Introduction to Water Systems		3
WATR 130	Wastewater Collection and Basic Treatment System		3
WATR 140	Applied Water and Wastewater Math I	Math proficiency required	3
WATR 160	Systems Maintenance		4

Program of Study: Welding Technology

WELD 100	Structural Welding I (first semester)	Two - Three Hour labs each Week	6
WELD 160	Introduction to SAW and FCAW (MS1-second semester)	Two - Three Hour labs each Week	3
WELD 130	Introduction to GMAW MIG (MS2-second semester)	Two - Three Hour labs each Week	3
WELD 140	Introduction to GTAW TIG (MS1-third semester)	Two - Three Hour labs each Week	3
WELD 180	GTAW II (MS2-third semester)	Prerequisite(s): WELD 140/Two - Three Hour labs each Week	3

Fourth semester dependent on high school Algebra II math course. If a dual credit student has completed high school Algebra II with 70 or better then WELD 125/150 are eligible otherwise student will enroll into OETS 104 (Basic mathematics for Technicians) for fourth semester.

OETS 104	Basic Mathematics for Technicians		4
WELD 125	Pipe Welding I (MS1-fourth semester)	Prerequisite(s): WELD 100, WELD 130 and WELD 140/Two - Three Hour labs each Week	3
WELD 150	Pipe Welding II (MS2-fourth semester)	Prerequisite(s): WELD 125/Two - Three Hour labs each Week	3

Students required to purchase tools and Personal Protective Equipment (PPE) for lab assignments. Dual credit students are required to go in-person, to sign up for a welding advising appointment at the Welding Technology department (Espina Campus, DATS 150). Actual advising appointment will also be in-person.

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