Pre-Architecture Program

Architecture & Building Construction Technologies Dept.
Division of Advanced Technologies – Where its AT!!
DACC East Mesa Campus

Julia Kirton  
Assistant Professor  
Architecture

1 (575) 528-7317
jkirton@nmsu.edu

Most of our Offices and Architecture Classes are HERE!

Office Assistant contact : 1 (575) 527-7677

Dept. Chair Chipper Moore: 1(575) 527-7592

Professor Luis Rios : 1(575) 527-7747
Degrees we offer

Architecture & Building construction Technologies

3 Major Degrees

- Pre - Architecture
- Architecture Technology
  - Offers Certificate
  - Great for job industry
- Building Construction Technologies

Pre Arch. Transfers

- University of New Mexico
- Texas Tech University

Check out our Cheat sheet
So you want to know how much you could earn as an architect or any other job in New Mexico?


<table>
<thead>
<tr>
<th>Occupation title</th>
<th>Median hourly wage</th>
<th>Mean hourly wage</th>
<th>Annual mean wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial and Industrial Designers</td>
<td>$21.75</td>
<td>$26.37</td>
<td>$54,730</td>
</tr>
<tr>
<td>Graphic Designers</td>
<td>$17.09</td>
<td>$20.53</td>
<td>$41,640</td>
</tr>
<tr>
<td>Engineers, All Other</td>
<td>$51.46</td>
<td>$64.75</td>
<td>$136,560</td>
</tr>
<tr>
<td>Architectural and Civil Drafters</td>
<td>$22.47</td>
<td>$27.26</td>
<td>$56,120</td>
</tr>
<tr>
<td>Mechanical Drafters</td>
<td>$28.78</td>
<td>$29.41</td>
<td>$61,170</td>
</tr>
<tr>
<td>Drafter, All Other</td>
<td>$20.92</td>
<td>$23.00</td>
<td>$47,210</td>
</tr>
</tbody>
</table>

Careers with an Architecture Degree
Architect
Architectural technologist
Interior and spatial designer
Building surveyor
Higher education lecturer
Historic buildings inspector
Landscape architect
Development Surveyor
Production designer
Structural engineer
Town planner

Careers with a Drafting Degree
Mechanical Drafter
CAD Drafter
Mechanical Designer
CAD Designer
Engineering Technician
Architectural Drafter
Electronics Drafter
Floor Planner
Engineering Designer

Register now!
Pre-Architecture & ABT

Now is the right time to be advised and registered for classes! Start your future in Architecture and Drafting today! Learn CAD programs, design techniques and the necessary job skills to succeed in the professional workplace.
Dept. Chair Chipper Moore 1.575.527.7592
Professor Luis Rios 1.575.527.7744
Asst. Professor Julia Kirton 1.575.528.7317

We are located here! Walk in or call to make an appointment for advising today!

ADVANCED TECHNOLOGY DIVISION
COMPLETE YOUR DEGREE
EARN A CERTIFICATE
LEARN COMPUTER-AIDED DESIGN PROGRAMS
LEARN CRITICAL JOB SKILLS & DESIGN TECHNIQUES

EAST MESA CAMPUS
2800 Sonoma Ranch Blvd
Las Cruces, NM 88011
Telephone: (575) 527-7500
https://dacc.nmsu.edu/arct/
1-2 min. Architecture Classes every Semester is Critical

Pre Architecture Degree Requirements

### REQUIREMENTS (17 CREDITS)

- **ENGL 111G: Rhetoric & Composition**
  - 3
  - 3
- **ENGL 211G: Writing in the Humanities and Social Sciences**
  - 3
- **COMM 2960: Principles of Human Communication**
  - 3
- **MATH 175: Trigonometry**
  - 3
- **MATH 2020: Calculus for the Biological & Mgmt Sciences**
  - 3
- **PHYS 211G: General Physics I**
  - 3
- **PHYS 212G: General Physics II**
  - 3

### TECHNICAL REQUIREMENTS (11 CREDITS)

- **ARCT 101: Introduction to Architecture**
  - 3
- **ARCT 104: Introduction to Architectural Drawing**
  - 4
- **ARCT 111: Architectural Drafting I**
  - 3
- **ARCT 170: Computer Aided Drafting**
  - 3
- **ARCT 204: Architectural Drafting I**
  - 5
- **ARCT 260: Architectural Drafting II**
  - 3
- **DIFT 109: Computer Drafting Fundamentals**
  - 3
- **DIFT 151: Construction Principles/Print Reading**
  - 3

### ELECTIVES (10 CREDITS)

- **ARCT 205: Professional Development & Leadership**
  - 1
- **HIST 1020: History of Modern Europe**
  - 3
- **HIST 2010: Introduction to Early American History**
  - 3
- **HIST 2020: Introduction to American**
  - 3
- **GOVT 1010: American National Government**
  - 3
- **Agric 190: Agricultural Science Elective**
  - 3

### RECOMMENDED SEQUENCE PER SEMESTER

#### Semesters 1 and 2

**Semester 1**
- **AREA I: ENGL 111G**
  - 4
  - C
  - Prerequisite: ACT score of 20 or higher or Compass Writing score of 70 or higher
- **ARCT 101: Introduction to Architecture**
  - 3
  - B
- **ARCT 210: Architectural Delineation I**
  - 3
  - C
- **DIFT 109: Computer Drafting Fundamentals**
  - 3

**Semester 2**
- **ARCT 104: Intro. to Architectural Drawing**
  - 4
  - B
- **ARCT 170: Computers in Architecture**
  - 3
  - C
- **ARCT 260: Architectural Delineation II**
  - 3
  - Prerequisite: ARCT 310
- **DIFT 151: Construction Principles/Print Reading**
  - 3
- **AREA I (Level 2): ENGL 211G**
  - 3
  - Prerequisite: ENGL 111G

**Semester 3**
- **AREA II: MATH 142G**
  - 3
  - Prerequisite: Adequate math placement score or C or better in MATH 121
- **Elective: GOVT or HIST**
  - 3
- **Elective: GOVT or HIST**
  - 3

**Semester 4**
- **ARCT 111: Architectural History I**
  - 3
  - Prerequisite: B- or better in ARCT 101 and 104
- **ARCT 204: Architectural Design Studio I**
  - 5
  - C
  - Pre-Completion: DIFT 109
- **ARCT 250: Construction Documents**
  - 3
  - Elective*:
  - 3

**Semester 5**
- **ARCT 211: Architectural History II**
  - 3
  - C
  - Prerequisite: ARCT 131
- **ARCT 254: Architectural Design Studio II**
  - 5
  - C
  - Prerequisite: ARCT 20A

**AREA III: PHYS 211G + 211GL**
- 4

**Elective**: 1

**Degree Completion Total Credits:** 71

---

**Notes:**

1. Courses preceded by (**) are recommended electives for students planning on transferring to the B.S. Architecture program at Texas Tech University.
2. Elective courses listed above the following courses are recommended electives for students planning on transferring to the B.S. Architecture program at Texas Tech University: GOVT 101, HIST 201 & 202, and a Natural Science Elective.
3. This is an ideal curriculum sequence and may need adjustment based on initial basic skill placement (reading, writing, and math), semester load course availability, and academic performance. All academic planning should be done in consultation with appropriate academic advisors. Please also use the STAR audit to ensure accurate degree progress. Students must successfully complete the program outlines and have a GPA of 2.0 or greater. The last 15 credit hours must be taken through the NMSU system, which includes DACC.
Job opportunities? Keep an open mind

Go to Bureau of Labor Statistics

https://www.bls.gov/bls/proghome.htm

Subject Tab/
Employment by occupation/
OES Data/
State/
Map /
Click NM/

Major Occupational Groups
Go to Architecture and engineering

- Architects,
- Landscape Architects
- Cartographers
- Photogrammetrist
- Surveyors
- Naval Architects
- Architectural and Civil
- Drafters
- Electrical and
- Electronics Drafters
- Mechanical Drafters,
- Operations Technicians
- Civil Engineering
- Technicians
- Electrical and
- Electronics
- Engineering Technicians
- Electro-Mechanical
- Technicians
- Environmental
- Engineering Technicians
- Industrial Engineering
- Technicians
- Mechanical Engineering
- Technicians
- Engineering Technicians
- Surveying and Mapping
- Technicians
- Graphic design
- Interior Designer
So you want to know how much you could earn as an architect or any other job in New Mexico?

Approximately 11% expected growth in the next 10 years according to the Bureau of Labor Statistics.

Past Student
Jaquelyne Pena
Guest Lecturer
ARCT 101 Intro to Architecture
Past Student
Karla Padilla
Structural Engineering Firm
All Advisors
Welcome!!

Midterms
Final Critiques

Brad Mazdra
Megan Hernandez-Smith
All Advisors Welcome!!

Midterms
Final
Critiques

Rachel Bernal-Flores
Loreno Ramos
Like US Facebook

DACC Pre-Architecture

AIAS DACC Architecture Club

https://www.facebook.com/DACC-Pre-Architecture-Program-1645448069008896/
We have so much to offer To Southern New Mexico Closest Architecture Program For Miles!

Who is our typical Architecture Student?

Creative
Artistic
Technical
A Problem solver
Love for Architecture
Hard working
Avid Learner
Julia Kirton  
Assistant Professor  
Architecture  
1 (575) 528-7317  
jkirton@nmsu.edu  

All our Offices and Architecture Classes are HERE!  
Office Assistant contact: 1 (575) 527-7677  
Dept. Chair Chipper Moore: 1 (575) 527-7592  
Professor Luis Rios: 1 (575) 527-7747