ARCHITECTURAL TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2026-2027 Catalog

(60-61 credits)

NOTE: Students must earn a final grade of C- or better in all required DRFT courses/Technical Requirements/Electives and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
General Education		
Select one course from four of the following six content areas for a total of 12-14 credits [1, 2]		*12-14*
This degree requires courses from Areas I and II; students must select two courses from the remaining areas (III, IV, V, or VI) to complete General Education requirements.		
Area I: Communications - English Composition Level 1		
ENGL 1110G	Composition I [3]	
Area II: Mathematics		
MATH 1220G	College Algebra [3,4]	
General Education Elective - Area I: Communications - Oral Communications		
COMM 1115G	Introduction to Communication [1]	3
Technical Requirements		
DRFT 109	Computer Drafting Fundamentals	3
DRFT 130	General Building Codes	3
DRFT 151	Construction Principles and Print Reading	3
DRFT 165	Introduction to Building Information Modeling	3
DRFT 180	Residential Drafting	3
DRFT 181	Commercial Drafting	3
DRFT 230	Building Systems Drafting	3
DRFT 240	Structural Systems Drafting	3
DRFT 250	Principles of Detailing and Design	3
DRFT 265	Advanced Building Information Modeling Applications	3
DRFT 288	Portfolio Development	3
Electives		**11**
Advisor approved electives (ARCH, DRFT, BCT, or E T)		
Total Credits		**60-61**

1. Each course selected must be from a different area and students cannot take multiple courses in the same area.
2. See the General Education (https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/) section of the catalog for a full list of courses.
3. Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.
4. MATH 1220G College Algebra is required for the degree but students may need to take any prerequisites needed to enter MATH 1220G first

(60-61 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must earn a final grade of C- or better in all required DRFT courses/Technical Requirements/Electives and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Semester 1		Credits
Area I: Communications - English Composition Level 1		4
ENGL 1110G	Composition I	
DRFT 109	Computer Drafting Fundamentals	3
DRFT 130	General Building Codes	3
DRFT 151	Construction Principles and Print Reading	3
	Credits	**13**
Semester 2		
Area II: Mathematics		3
MATH 1220G	College Algebra	
General Education - Select one "G" Course from Area III, IV, V, or VI of the NM General Education Requirements in the NMSU/DACC Catalog.		3-4
DRFT 165	Introduction to Building Information Modeling	3
DRFT 180	Residential Drafting	3
DRFT 181	Commercial Drafting	3
	Credits	**15-16**
Semester 3		
SUMMER		
General Education Elective - Area I: Communications - Oral Communications		3
COMM 1115G	Introduction to Communication	
General Education - Select one "G" Course from Area IV, V, or VI of the NM General Education Requirements in the NMSU/DACC Catalog. Course must be in a different Area than the course taken in Semester 2.		3
	Credits	**6**
Semester 4		
DRFT 230	Building Systems Drafting	3
DRFT 240	Structural Systems Drafting	3
DRFT 250	Principles of Detailing and Design	3
Advisor Approved Elective (ARCH, DRFT, BCT, or E T)		3
	Credits	**12**
Semester 5		
DRFT 265	Advanced Building Information Modeling Applications	3

DRFT 288	Portfolio Development	3
Advisor Approved Elective (ARCH, DRFT, BCT, or E T)		3
Advisor Approved Elective (ARCH, DRFT, BCT, or E T)		3
Advisor Approved Elective (ARCH, DRFT, BCT, or E T)		2
	Credits	**14**
	Total Credits	**60-61**