

ARCHITECTURAL TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2023-2024 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		
<i>Select one course from four of the following six content areas for a total of 12-14 credits^{1,2}</i>		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 (<http://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.

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Semester 1	Credits
Area I: Communications - English Composition Level 1	4
ENGL 1110G	Composition I
DRFT 109	Computer Drafting Fundamentals
DRFT 130	General Building Codes
DRFT 151	Construction Principles and Print Reading
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
DRFT 180	Residential Drafting
DRFT 181	Commercial Drafting
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
DRFT 240	Structural Systems Drafting
DRFT 250	Principles of Detailing and Design
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