

CIVIL/SURVEY TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2026-2027 Catalog (60 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, II, and III; students must select one course from the remaining areas (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}	
Area III: Laboratory Sciences		
PHYS 1230G	Algebra-Based Physics I ³	
PHYS 1230L	Algebra-Based Physics I Lab ³	
General Education Elective - Area I: Communications - Oral Communications		
COMM 1115G	Introduction to Communication ³	3
General Education Elective - Area IV: Social/Behavioral Sciences, Area V: Humanities, or Area VI: Creative and Fine Arts		
3		
Core Requirements		
MATH 1250G	Trigonometry & Pre-Calculus ³	4
Major Requirements		
<i>Technical Requirements</i>		
DRFT 109	Computer Drafting Fundamentals	3
DRFT 143	Civil Drafting Fundamentals	3
DRFT 151 or E T 154	Construction Principles and Print Reading Construction Methods and Communications	3
DRFT 153	Survey Drafting Applications	3
DRFT 204	Geographic Information Systems Technology	3
DRFT 222	Introduction to Geomatics	3
DRFT 242	Roadway Development Drafting	3
DRFT 243	Land Development Drafting	3
DRFT 254	Spatial Data Processing	3
DRFT 288	Portfolio Development	3
Electives, to bring the total credits to 60		
Advisor approved electives (C E, DRFT, ENGR, E T, GEOG, SUR)		9
Total Credits		60

- 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 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	0,3
DRFT 151 or E T 154	Construction Principles and Print Reading or Construction Methods and Communications	3
DRFT 204	Geographic Information Systems Technology	3
Credits		10-13
Semester 2		
Area II: Mathematics		3
MATH 1220G	College Algebra	
General Education Elective - Area I: Communications - Oral Communications		3
COMM 1115G	Introduction to Communication	
DRFT 143	Civil Drafting Fundamentals	3
DRFT 153	Survey Drafting Applications	3
DRFT 254	Spatial Data Processing	3
Credits		15
Semester 3		
Area II: Mathematics		4
MATH 1250G	Trigonometry & Pre-Calculus	
Area III: Laboratory Sciences		4
PHYS 1230G	Algebra-Based Physics I	
PHYS 1230L	Algebra-Based Physics I Lab	
DRFT 242	Roadway Development Drafting	3
Advisor Approved Elective (C E, DRFT, ENGR, E T, GEOG, SUR)		3

Advisor Approved Elective (C E, DRFT, ENGR, E T, GEOG, SUR)	3
Credits	17
Semester 4	
Area IV: Social/Behavioral Sciences, Area V: Humanities, or Area VI: Creative and Fine Arts - Choose one course from NM General Education Area IV, V, or VI in the NMSU/DACC Catalog.	3
DRFT 222 Introduction to Geomatics	3
DRFT 243 Land Development Drafting	3
DRFT 288 Portfolio Development	3
Advisor Approved Elective (C E, DRFT, ENGR, E T, GEOG, SUR)	3
Credits	15
Total Credits	57-60