

CIVIL/SURVEY TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2024-2025 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		
<i>Select one course from four of the following six content areas for a total of 12-14 credits</i> ^{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	
<i>General Education Elective - Area I: Communications - Oral Communications</i>		
COMM 1115G	Introduction to Communication ³	3
<i>General Education Elective - Area IV: Social/Behavioral Sciences, Area V: Humanities, or Area VI: Creative and Fine Arts</i>		
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	Construction Principles and Print Reading	3
or E T 154	Construction Methods and Communications	
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.