CIVIL/SURVEY TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

(60 credits)

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.

A grade of C- or better is required in all courses except ENGL 111G which requires a grade of C or better.

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

This degree requires courses from Areas I, II, III, and IV; students do not need to take additional courses to complete the General Education requirements.

Area I: Communications
ENGL 111G  Rhetoric and Composition 3

Area II: Mathematics
MATH 121G  College Algebra 3,4

Area III: Laboratory Sciences
Elective General Education ("G") Area III Course - Descriptions vary by course

Area IV: Social/Behavioral Sciences
Elective General Education ("G") Area IV Course - Descriptions vary by course

Area V: Humanities

Area VI: Creative and Fine Arts

General Education Elective
COMM 265G  Principles of Human Communication 3 3

Core Requirements
MATH 190G  Trigonometry and Precalculus 3 4

Major Requirements
Technical Requirements
DRFT 109  Computer Drafting Fundamentals 3
DRFT 143  Civil Drafting Fundamentals 3
DRFT 151  Construction Principles and Print Reading
or E T 154  Construction Methods and Communications

DRFT 153  Survey Drafting Applications 3
DRFT 204  Geographic Information Systems Technology

DRFT 222  Surveying Fundamentals 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 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 121G College Algebra is required for the degree but students may need to take any prerequisites needed to enter MATH 121G first.