

# GEOGRAPHICAL INFORMATION SYSTEMS - CERTIFICATE OF COMPLETION

## Doña Ana Community College 2023-2024 Catalog (19 credits)

NOTE: Students must earn a final grade of C- or better in all required DRFT courses 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 19 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   |
|---|---|-----------|
| <b>Technical Requirements</b>                     |   |           |
| DRFT 109  | Computer Drafting Fundamentals            | 3         |
| DRFT 153  | Survey Drafting Applications              | 3         |
| DRFT 204  | Geographic Information Systems Technology | 3         |
| DRFT 254  | Spatial Data Processing                   | 3         |
| DRFT 274  | GIS Theory and Analysis                   | 3         |
| GEOG 1110G  | Physical Geography <sup>1</sup>           | 4         |
| or Advisor Approved Elective (DRFT, GEOG, or SUR) |   |           |
| <b>Total Credits</b>                              |   | <b>19</b> |

<sup>1</sup> Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

## (19 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 DRFT courses 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 certificate requirements to total at least 19 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.

| <b>Semester 1</b>             |                                | <b>Credits</b> |
|-------------------------------|--------------------------------|----------------|
| Area III: Laboratory Sciences |                                | 4              |
| GEOG 1110G                    | Physical Geography             |                |
| DRFT 109                      | Computer Drafting Fundamentals | 3              |

|                      |   |           |
|----------------------|---|-----------|
| DRFT 204             | Geographic Information Systems Technology | 3         |
| <b>Credits</b>       |   | <b>10</b> |
| <b>Semester 2</b>    |   |           |
| DRFT 153             | Survey Drafting Applications              | 3         |
| DRFT 254             | Spatial Data Processing                   | 3         |
| DRFT 274             | GIS Theory and Analysis                   | 3         |
| <b>Credits</b>       |   | <b>9</b>  |
| <b>Total Credits</b> |   | <b>19</b> |