

# SURVEYING TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

**(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.

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.

### First Year

Fall		Credits
DRFT 100	Introduction to Architecture, Engineering, & Construction	3
DRFT 109	Computer Drafting Fundamentals	3
DRFT 151	Construction Principles and Print Reading	3
DRFT 204	Geographic Information Systems Technology	3
MATH 1220G	College Algebra	3
<b>Credits</b>		<b>15</b>

### Spring

DRFT 143	Civil Drafting Fundamentals	3
DRFT 153	Survey Drafting Applications	3
COMM 1115G	Introduction to Communication	3
ENGL 1110G	Composition I	4
MATH 1511G	Calculus and Analytic Geometry I	4
<b>Credits</b>		<b>17</b>

### Second Year

Fall		Credits
DRFT 222	Introduction to Geomatics	3
SUR 285	Precise Digital Mapping	3
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab	4
Choose one from the following:		3
CTEC 156	Python Programming	
OECS 192	C++ Programming I	
OECS 195	Java Programming I	
<b>Credits</b>		<b>13</b>

### Spring

SUR 292	Legal Principles and Boundary Law I	3
Area III: Laboratory Science Course <sup>1,2</sup>		4
Area IV: Social/Behavioral Sciences or Area V: Humanities Course <sup>2</sup>		3
ENGL 2210G	Professional and Technical Communication Honors	3

DRFT 243 or DRFT 254	Land Development Drafting or Spatial Data Processing	3
<b>Credits</b>		<b>16</b>
<b>Total Credits</b>		<b>61</b>

<sup>1</sup> Choose any other laboratory science course, other than PHYS 1230G Algebra-Based Physics I/PHYS 1230L Algebra-Based Physics I Lab

<sup>2</sup> See the General Education (<https://nmsu-curr.courseleaf.com/donana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.