

# DRAFTING AND GRAPHICS TECHNOLOGY (ARCHITECTURAL TECHNOLOGY) - ASSOCIATE OF APPLIED SCIENCE

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
<b>General Education</b>		
<i>Choose one course from four of the following six content areas for a total of 12-14 credits <sup>1,2</sup></i>		12-14
Area I: Communications		
Area II: Mathematics		
Area III: Science		
Area IV: Social/Behavioral Science		
Area V: Humanities		
Area VI: Creative and Fine Arts		
General Education Elective <sup>2</sup>		3-4
<b>Core Curriculum Requirements</b>		
DRFT 112	Drafting Concepts/Computer Drafting Fundamentals I	4
DRFT 113	Drafting Concepts/Computer Drafting Fundamentals II	4
DRFT 114	Introduction to Solid Modeling	3
DRFT 130	General Building Codes	3
DRFT 143	Civil Drafting Fundamentals	3
DRFT 180	Residential Drafting	3
DRFT 181	Commercial Drafting	3
DRFT 288	Portfolio Development	3
Approved DRFT Elective		4
<i>Program Concentration Coursework</i>		
DRFT 160	Construction Take-Offs and Estimating	3
DRFT 230	Building Systems Drafting	3
DRFT 240	Structural Systems Drafting	3
Approved DRFT Electives		6
<b>Total Credits</b>		<b>60-63</b>

<sup>1</sup>  
Each course selected must be from a different area and students cannot take multiple courses in the same area.

<sup>2</sup>  
See the General Education (<https://catalogs.nmsu.edu/carlsbad/essential-information-students/general-education-courses/>) section of the catalog for a full list of courses.

## A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

<b>First Year</b>		
<b>Fall</b>		
		<b>Credits</b>
DRFT 112	Drafting Concepts/Computer Drafting Fundamentals I	4
DRFT 130	General Building Codes	3
Approved DRFT elective		2
GEN Ed course - One course from Areas I-VI <sup>1,2</sup>		3
<b>Credits</b>		<b>12</b>
<b>Spring</b>		
DRFT 113	Drafting Concepts/Computer Drafting Fundamentals II	4
DRFT 160	Construction Take-Offs and Estimating	3
GEN Ed course - One course from Areas I-VI <sup>1,2</sup>		3
GEN Ed course - One course from Areas I-VI <sup>1,2</sup>		3-4
Approved DRFT elective		2
<b>Credits</b>		<b>15-16</b>
<b>Second Year</b>		
<b>Fall</b>		
DRFT 143	Civil Drafting Fundamentals	3
DRFT 180	Residential Drafting	3
DRFT 230	Building Systems Drafting	3
GEN Ed course - One course from Areas I-IV <sup>1,2</sup>		3-4
Approved DRFT Elective		3
<b>Credits</b>		<b>15-16</b>
<b>Spring</b>		
DRFT 114	Introduction to Solid Modeling	3
DRFT 240	Structural Systems Drafting	3
DRFT 288	Portfolio Development	3
DRFT 181	Commercial Drafting	3
General Education Elective - Any "G" course <sup>2</sup>		3-4
Approve DRFT Elective		3
<b>Credits</b>		<b>18-19</b>
<b>Total Credits</b>		<b>60-63</b>

<sup>1</sup>  
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<sup>2</sup>  
See the General Education (<https://catalogs.nmsu.edu/carlsbad/essential-information-students/general-education-courses/>) section of the catalog for a full list of courses.