



**First Semester (13 Hours)**

		Program Requirements	Hours	✓	General Education Courses	Hours	✓
1 <sup>st</sup>  FULL					ORIE 1011 College Strategies	1	
		ETDG 1143 Introduction to Design/Drafting Corequisite: MATH 1513	3		MATH 1513 Pre-Calculus <sup>⊕</sup>	3	
		ETDG 2143 Architectural Modeling Corequisite: MATH 1513	3				
		ETDG 2423 SolidWorks Corequisite: MATH 1513	3				
					Cowboy Up! New Student Orientation	0	

**Second Semester (14 Hours)**

		Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL		ETDG 1192 Applied AutoCAD Prerequisite: ETDG 1143	2		MATH 1613 Trigonometry	3	
		ETDG 1253 Technical Drawing Prerequisite: ETDG 1143	3				
		ETDG 1523 Architectural Design Prerequisites: ETDG 1143 and ETDG 2143	3				
		ETDG 2223 Piping Drafting & Design Prerequisite: ETDG 1143	3				

**Third Semester (17 Hours)**

		Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL		ETDG 2293 Mechanical Design Prerequisites: ETDG 1192, ETDG 1253 and ETDG 2423	3		ENGL 1033 Technical Writing I <sup>⊕</sup> <b>OR</b> ENGL 1113 Freshman Composition I <sup>⊕</sup>	3	
		ETDG 2623 Building Structures Prerequisite: ETDG 1253	4		PHYS 1114 General Physics I Prerequisite: MATH 1613	4	
		ETDG 2674 Civil Drafting Prerequisite: ETDG 1192	3				

**Fourth Semester (16 Hours)**

		Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL		CET 2323 Statics Prerequisite: MATH 1613	3		HIST 1483 US History to 1865 <b>OR</b> HIST 1493 US History since 1865	3	
		ETD 2411 Employment Exploration	1		POLS 1113 US Government	3	
		ETDG 2523 Design Drafting Capstone Prerequisites: Program instructor approval and a 2.5 GPA or higher	3		SPCH 2313 Small Group Communications	3	

**Fifth Semester (12 Hours)**

		Program Requirements	Hours	✓	General Education Courses	Hours	✓
FULL		ETDG 2812 Internship Prerequisites: Program instructor approval and a 2.5 GPA or higher	12				

FULL = Full Semester Class; 1<sup>st</sup> = First Half Class; 2<sup>nd</sup> = Second Half Class    ★ Recommended    ⊕ Corequisite strategies course available. See advisor for details.

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