



First Semester (13 Hours)

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ETDG 1143 Introduction to Design/Drafting Corequisite: MATH 1513	3		ORIE 1011 College Strategies	1		
	ETDG 2143 Architectural Modeling Corequisite: MATH 1513	3		MATH 1513 Pre-Calculus [⊕]	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 Prerequisite: MATH 1513	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 [⊕] <u>OR</u> ENGL 1113 Freshman Composition I [⊕]	3		
	ETDG 2623 Building Structures Prerequisite: ETDG 1253	3		PHYS 1114 General Physics I Prerequisite: MATH 1613	4		
	ETDG 2674 Civil Drafting Prerequisite: ETDG 1192	4					

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 <u>OR</u> 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 | 1st = First Half Class | 2nd = Second Half Class

* Recommended

⊕ Corequisite strategies course available. See advisor for details.

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