Degree & Certificate Requirements

Computer Aided Drafting One-Year Certificate
PROFESSIONAL TECHNICAL
2024-2025 Certificate Requirements

Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENT 111	Introduction to Engineering [RE]	5		
ENT 124	Intermediate Drafting [RE]	4		
ENT 128	Architecture & Engineering Blueprint Reading [RE]	2		
ENT 136	Advanced Drafting [RE]	4		
ENT 122	Materials [RE]	3		
Introduction to Drafting - select 4-5 credits from the following:				
ENT 114	Introduction to Drafting [RE]	4		
or				
ENT 118	Spatial Visualization [RE]	2		
and				
ENT 267	Autocad I W/Lab [RE]	3		
	Subtotal	**22-23**		

Major Support
Select a minimum of 8 credits from the following

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENT 121	Engineering Fundamentals W/ Lab [RE]	4		
ENT 134	Surveying W/ Lab [RE]	6		
ENT 135	Statics [RE]	5		
ENT 219	Construction Estimating [RE]	1		
ENT 229	Construction Specifications [RE]	2		
	Subtotal	**8**		

General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENGL& 101	English Composition I [C]	5		
Mathematics - select 5 credits from the following:				
MATH 113	Geometry/Trigonometry [M/S]	5		
MATH& 141	Precalculus I [M/S] [Q/SR]	5		
Social & Behavioral Sciences - select 5 credits from the following:				
PSYC& 100	General Psychology [S/B]	5		
PSYC 201	Social Psychology [S/B]	5		
SOC& 101	Intro to Sociology [S/B]	5		
	Subtotal	**15**		
	Total Credits Required	**45-46**		