Degree & Certificate Requirements

Computer Aided Drafting One-Year Certificate
PROFESSIONAL TECHNICAL
2021-2022 Certificate Requirements

Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENT 111	Introduction to Engineering	5		
ENT 124	Intermediate Drafting	4		
ENT 128	Architecture & Engineering Blueprint Reading	2		
ENT 136	Advanced Drafting	4		
ENT 122	Materials	3		
Introduction to Drafting - select 4-5 credits from the following:				
ENT 114	Introduction to Drafting	4		
or				
ENT 118	Spatial Visualization	2		
and				
ENT 267	AutoCAD I w/ Lab	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	4		
ENT 134	Surveying w/ Lab	6		
ENT 135	Statics	5		
ENT 219	Construction Estimating	1		
ENT 229	Construction Specifications	2		
ENT 268	AutoCAD II w/ Lab	3		
ENT 270	3-D w/ Lab	3		
ENT 271	Drawing Production w/ Lab	3		
ENT 272	Advanced 3-D w/ Lab	3		
ENT 273	Advanced AutoCAD Applications w/ Lab	3		
ENT 274	Architectural Residential Drawing w/ Lab	3		
	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**		