

Degree & Certificate Requirements

Computer Aided Drafting One-Year Certificate PROFESSIONAL TECHNICAL 2020-2021 Certificate Requirements

Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENT 171	Technical Drafting	3		
ENT 267	AutoCAD I w/ Lab	3		
ENT 268	AutoCAD II w/ Lab	3		
Subtotal		9		

Electives

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
CAD Electives - select a minimum of 9 credits from the following:				
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		
ENT Electives - must meet course prerequisites:				
ENT 111	Introduction to Engineering	5		
ENT 121	Engineering Fundamentals w/ Lab	4		
ENT 122	Materials	3		
ENT 134	Surveying w/ Lab	6		
ENT 219	Construction Estimating	1		
ENT 229	Construction Specifications	2		
ENT 238	Electricity	5		
Subtotal		20		

General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
ENGL&101	English Composition I [C]	5		
MATH 113	Geometry/Trigonometry [M/S]	5		
Human Relations - select 3-5 credits from the following:				
PSYC&100	General Psychology [S/B]	5		
PSYC 103	Applied Psychology	3		
PSYC 201	Social Psychology [S/B]	5		
BUS 271	Human Relations Business	5		
Communication Studies - select 3-5 credits from the following:				
CMST 104	Speech Essentials [C]	3		
CMST 110	Communication Behavior [C]	3		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
Subtotal		16-20		
Total Credits Required		45-49		