

CERTIFICATE OF ACHIEVEMENT



Civil Drafting

This program provides a focused course of study to ready students for careers in the preparation of construction documents for Civil Engineering projects. The coursework provides a focus on the preparation of common civil project drawings using industry-standard drawing techniques and conventions with hand and/or computer-aided drafting tools. Additionally, the coursework includes exposure to the broad range of sub-disciplines within the field of Civil Engineering.

To acquire the **Certificate of Achievement in Civil Design & Drawing**, it is necessary to complete the following courses:

Required Courses		Units	N	IP	C
ENGT 101	Introduction to Technical Drawing & Graphics	3			
ENGT 150	AutoCAD for Basic CADD Applications	4			
or ENGT 170	MicroStation for Basic CADD Applications				
CIV 140	Civil Engineering & Construction Fundamentals	4			
CIV 241	*Civil Engineering Drafting and Design	3			
Choose a minimum of 3 units from the following:					
ARCH 110	Construction Document Reading and Estimating	3			
ARCH 115	Introduction to Residential Architecture	4			
CIV 290	Cooperative Work Experience/Internship for Civil Related Fields	1-4			
CIV 299	*Directed Study in Civil Design Technology	1-3			
Total units needed for Certificate of Achievement		17-18			
Units Completed					
*Prerequisite/Corequisite					