

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
ARCH/CIV/ENGT 101 Intro. to Technical Drawing & Graphics	3			
ENGT 150 AutoCAD for Basic CADD Applications or ENGT 170 MicroStation for Basic CADD Applications	4			
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 Work Experience Education/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				