

CERTIFICATE OF ACHIEVEMENT



Civil Design & Drawing

This certificate is designed for civil engineering careers and leads to employment in civil design applications, public works, utilities and CADD/Drafting-related industries.

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

Required Courses		Units	N	IP	C
CIV 140	Civil Engineering Fundamentals	4			
CIV 142	Introduction to Surveying and GPS	4			
ENGT 101	Introduction to Technical Drawing & Graphics	3			
ENGT 138	Engineering Careers and Applications	2			
ENGT 150	AutoCAD for Basic CADD Applications	4			
ENGT 170	MicroStation for Basic CADD Applications	4			
GIS 120	Introduction to Geographic Information Systems and Spatial Analysis	4			
Plus 4 units from the following:					
ARCH 115	Introduction to Residential Architecture	4			
or					
ENGT 122	Engineering Design Graphics	4			
Total units needed for Certificate of Achievement		29			
Units Completed					
*Prerequisite/Corequisite					