Drafting/Technical Drawing

The following Technical Drawing curriculum will lead to the Certificate of Achievement and prepare student for employment as an early entry-level technician in the field of Architecture, Civil and Engineering Design Drafting/Drawing. Students will develop skill-based training techniques and knowledge of technical industry standards that will also prepare them for advanced studies in the pursuit of more advanced certificates or degrees for transfer.

To acquire the **Certificate of Achievement in Technical 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			
ARCH 115 Introduction to Residential Architecture: Drawing and Design	4			
CIV 140 Civil Engineering & Construction Fundamentals	4			
ENGT 105 Introduction to Visualization, Sketching, & Rendering	2			
ENGT 122 Intermediate Engineering Design: Geometric Dimensioning & Tolerancing	3			
Choose one course from the following:				
ENGT 150 AutoCAD for Basic CADD Applications	4			
ENGT 170 MicroStation for Basic CADD Applications	4			
Total units needed for Certificate of Achievement	20			
Units Completed				