

CERTIFICATE OF ACHIEVEMENT



ENGINEERING DESIGN DRAFTING TECHNICIAN

This Certificate is designed for technical, mechanical and manufacturing careers and leads to employment in CADD application, engineering-related, mechanical and manufacturing-related industries, public works, utilities and CADD/Drafting-related industries.

To acquire the **Certificate of Achievement in Engineering Design Drafting Technician**, it is necessary to complete the following courses:

| Required Courses | Units | N | IP | C |
|---|-----------|---|----|---|
| ARCH 115 Introduction to Residential Architecture: Drawing & Design | 4 | | | |
| CIV 140 Civil Engineering Fundamentals | 3 | | | |
| ENGT 101 Introduction to Technical Drawing & Graphics | 3 | | | |
| ENGT 105 Introduction to Technical Freehand Sketching | 2 | | | |
| ENGT 122 Engineering Design Graphics | 4 | | | |
| ENGT 131 *Engineering & Manufacturing Applications of Technical Drawing | 4 | | | |
| ENGT 150 AutoCAD for Basic CADD Applications | 4 | | | |
| ENGT 231 *Technical Product Design & Presentation | 4 | | | |
| | | | | |
| Total units needed for Certificate of Achievement | 28 | | | |
| Units Completed | | | | |
| *Prerequisite/Corequisite | | | | |
| <i>Courses are not necessarily listed in order of enrollment; see prerequisites</i> | | | | |