

ENGINEERING DRAFTING & DESIGN - CERT A

The Engineering Drafting & Design - Cert A program provides related and hands-on experience in the proper use of drafting tools and equipment; preparing drawings and reproductions; and developing skills, knowledge, and techniques for use in a variety of areas in the profession. Related theory and technical instruction includes the study of applied algebra, geometry, and trigonometry, as well as scientific and physical principles of numerous construction and manufacturing materials and techniques. Students will learn the fundamentals of computer-aided drafting (CAD), emphasizing the use of computer hardware and software in processing and retrieving drawing and data files.

Program Information

- Program Start (semesters): August
- Financial Aid available (for post-secondary students only): Yes
- Veteran Benefits Eligible (for post-secondary students only): Contact program for more details
- Industry-recognized credentials: AutoCAD User Certification

Certificate Requirements

Code	Title	Hours
TED 108	Introduction to Drafting	3
TED 115	Technical Math	3
TED 128	Computer Aided Drafting I	3
TED 135	CAD II	3
TED 138	Machine Design	4
TED 145	Computer Aided Drafting III	4
TED 148	Industrial Design	4
Total Hours		24