

ENGINEERING DRAFTING & DESIGN - CERT B: TRACK 3 EMPHASIS

The Engineering Drafting & Design - Cert B: Track 3 program enhances the Civil emphasis by integrating key manufacturing design courses. Students combine civil drafting and design fundamentals with training in machine and industrial design, gaining hands-on experience with both 2D drafting and 3D modeling software. The program prepares graduates for a wide range of drafting careers in public infrastructure, utilities, mechanical systems, and industrial production.

Program Information

- Program Start (semesters): August; January
- Industry-recognized credentials: AutoCAD Certified User and Inventor Certified User

Certificate Requirements

Code	Title	Hours
TED 108	Introduction to Drafting	3
TED 128	Computer Aided Drafting I	3
TED 135	Computer Aided Drafting II	3
TED 145	Computer Aided Drafting III	3
TED 138	Machine Design	4
TED 248	Manufacturing Design	4
TED 148	Industrial Design	4
TED 228	Civil Design I	3
TED 235	Civil Design II	3
TED 236	Civil Design III	3
TED 238	Structural Design	3
or TED 255	Presentation&Special Projects	
or TED 260	OJT/Internship	
Total Hours		36