

ENGINEERING DRAFTING & DESIGN - CERT A: CONSTRUCTION EMPHASIS

The Engineering Drafting & Design - Cert A: Construction Emphasis program provides focused training in architectural and civil drafting for construction-related fields. Students gain hands-on experience in Building Information Modeling (BIM) and architectural drafting through Revit and related tools, designing residential and commercial structures with integrated MEP systems. The curriculum also introduces civil drafting applications using Civil 3D for site planning, utilities, and infrastructure projects. This combination of architectural and civil tools prepares students for entry-level positions in architectural design, construction planning, and building documentation.

Program Information

- Program Start (semesters): August; January
- Financial Aid available (for post-secondary students only): Yes
- Veteran Benefits Eligible (for post-secondary students only): Yes
- Industry-recognized credentials: Revit Certified User

Certificate Requirements

Code	Title	Hours
TED 208	Architectural Design I	3
TED 215	Architectural Design II	3
TED 216	Architectural Design III	3
TED 217	Architectural Design IV	3
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		24