

Architectural Computer Drafting

Degree Type

Certificate

The Architectural Computer Drafting Certificate addresses the construction industry's need for personnel skilled in architectural drafting and design. Students gain proficiency in CAD drafting as well as the architectural process and required architectural documentation. Students start by developing efficient drafting techniques and mastering the 2D drawing capabilities of AutoCAD. These skills are then leveraged to develop expertise in preparing a complete set of working drawings for supporting a construction project.

Learn more about the program and apply at [Architectural Computer Drafting Certificate](#)

Requirements

Courses

Item #	Title	Credits
CON130	Computer Aided Drafting I	3
CON135	Computer Aided Drafting II	3
CON200	Architectural Drafting I	3
CON201	Architectural Drafting II	3
Total Credits		12

Career Outlook

This [occupational profile](#) is provided by O*NET.

Program Outcomes

Upon completion of the **Architectural Computer Drafting Certificate** students are able to:

- Demonstrate mastery in the 2D drafting and construction documentation capabilities of AutoCAD software.
- Create and coordinate a full set of construction drawings and floor plans (single and multi-level).
- Explain the process of creating a set of architectural plans and evaluate architectural plans for completeness.
- Demonstrate the creation of a 2D drawing from reality capture data.
- Produce interior and exterior elevations, develop sections, window, door & finish schedules.
- Validate design and verify that design intent is actually making it onto the documentation.