

Architectural Drafting

Award Type: Certificate of Accomplishment

A certificate in architectural drafting prepares students to articulate into a professional program at a four-year institution, which offers a baccalaureate degree or equips students for an entry-level position in the building industry such as drafter, inspector, or materials technician.

The graduate of the Certificate of Accomplishment in Architectural Drafting will:

- Develop graphic communication skills including orthographic, paraline, and mechanical perspectives with shades and shadows.
- Create three dimensional representations using both electronic and manual methods.
- Produce a complete set of residential plans that may be submitted for plan check approval.
- Develop familiarity with components, materials, types, and methods of building construction; terminology as applied to codes, foundations, concrete, light frame wood, heavy timber, soils, and the structural elements.
- Develop the ability to use computer-aided design software to generate three-dimensional models and design presentations.
- Become familiar with the latest building code requirements and be able to make job site judgments based on the code.

Program Requirements

A total of 17 units is required for the certificate.

Required core courses (17) units):

Course Number	Course Title	Units
ARCH 111	Architectural Graphics & Design I	3.0
ARCH 112	Architectural Graphics & Design II	3.0
ARCH 121	Architectural Drawing 1	4.0
ARCH 122	Architectural Drawing 2	4.0
ARCH 131	Building Construction Materials and Methods	3.0