The Anoka Technical College Architectural and Construction Technician diploma is a 45-credit program that consists of skills and technology which can be applied to a wide variety of careers in the design-construction industry including employment with architectural and engineering firms, residential builders, and construction material suppliers.

The Architectural and Construction Technology program consists of technical courses designed to develop skills related to the fields of architecture, engineering, contracting, and other design-construction fields.

In addition to drafting and detailing skills, the student receive training in related areas such as construction estimating, building codes, building mechanical and electrical systems, as well as emerging technologies in energy-efficient design. Students receive hands-on training in industry standard computer-aided drafting software (AutoCAD and Revit).

By completing this program, students will achieve the following learning outcomes.

- Students will demonstrate residential construction materials and methods knowledge.
- Students will demonstrate commercial construction materials and methods knowledge.
- Students will execute program/industry CAD drafting standards for residential construction drawings.
- Students will execute program/industry CAD drafting standards for commercial construction drawings.
- Students will demonstrate entry level CAD proficiency for the industry.
- Students will demonstrate understanding of the roles and responsibilities of an entry level architectural CAD technician.

Some courses may require appropriate test score or completion of basic math, basic English and/or reading courses with a “C” or better.

All Anoka Technical College students seeking an Associate in Applied Science (AAS), diploma, or certificate must meet the cumulative grade point average (GPA) of 2.0 or higher.

To see how credits from this program may transfer into other Anoka Technical College programs or into a program at another college, visit:

- Minnesota Transfer
- Anoka Technical College transfer student

Graduates of the Architectural and Construction Technician diploma program learn skills and technology which can be applied to a wide variety of careers in the design-construction industry, including employment with architectural and engineering firms, residential builders and construction material suppliers.

Drafters who gain experience and knowledge may become design drafters or senior drafters. With additional training or experience, drafters may also move into related positions, such as technical writer, sales engineer, or engineering assistant.

Wage information is available from the Minnesota Department of Employment and Economic Development.