

### Program Information

The Anoka Technical College Architectural 2D CAD Drafting certificate is a 16-credit program that consists of technical courses designed to develop specific 2D CAD skills related to the fields of architecture, engineering, contracting, and other design-construction fields. Students receive hands-on training in industry standard computer-aided drafting software (AutoCAD).

### Program Learning Outcomes

1. Demonstrate residential construction materials and methods knowledge.
2. Demonstrate commercial construction materials and methods knowledge.
3. Execute program/industry 2D CAD drafting standards for residential construction drawings.
4. Execute program/industry 2D CAD drafting standards for commercial construction drawings.

### Industry and Career Outlook

Graduates of the Architectural 2D CAD Drafting certificate program learn CAD skills which can be applied to the design-construction industry, including employment with architectural and engineering firms, residential builders, and construction material suppliers. Drafters who gain industry experience and knowledge many become design drafters or senior drafters. With additional training or experience, drafters may also move into related positions, such as specification writer, sales engineer, or CAD engineering assistant.

Wage information is available from the [Minnesota Department of Employment and Economic Development](#)

### Program Start Dates

Fall Semester.....August  
 Spring Semester .....January\*\*  
 \*\*Students who start in the spring will need more time to complete due to course prerequisites.

### Course Prerequisites

Some courses in this program may require a prerequisite. Please see [course descriptions](#) for more details.

### Program Sequence

<b>Fall Semester</b> .....	<b>8</b>
<input type="checkbox"/> ARCH 1000 Residential Construction .....	2
<input type="checkbox"/> ARCH 1002 Construction Print Reading .....	2
<input type="checkbox"/> ARCH 1040 Residential Graphics.....	1
<input type="checkbox"/> ARCH 1043 Architectural CAD I.....	3
<b>Spring Semester.....</b>	<b>8</b>
<input type="checkbox"/> ARCH 1004 Introduction to the Architectural Profession .....	2
<input type="checkbox"/> ARCH 1015 Commercial Construction.....	2
<input type="checkbox"/> ARCH 1045 Commercial Graphics .....	1
<input type="checkbox"/> ARCH 1052 Architectural CAD II.....	3

### Graduation Requirements

Students must earn a cumulative 2.0 GPA or higher to be eligible for graduation from this program.

### Faculty Contact

[Daniel Iund](#)..... 763-576-4163  
[Mark Anderson](#)..... 763-576-4078  
[Dawn Wirtz](#)

For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or [EnrollmentServices@anokatech.edu](mailto:EnrollmentServices@anokatech.edu)

*Also see: Architectural Technology AAS, Architectural and Construction Technician diploma and Construction Estimating certificate*



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