

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

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

1. Students will demonstrate residential construction materials and methods knowledge.
2. Students will demonstrate commercial construction materials and methods knowledge.
3. Students will execute program/industry 2D CAD drafting standards for residential construction drawings.
4. Students will execute program/industry 2D CAD drafting standards for commercial construction drawings.

Course Prerequisites

None.

Graduation Requirements

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.

Transfer Opportunities

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](http://www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search): (www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search)
- [Anoka Technical College transfer student](http://www.anokatech.edu/BecomeStudent/Transfers.aspx): (www.anokatech.edu/BecomeStudent/Transfers.aspx)

Industry Information

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/Outlook/Advancement

Wage information is available from the [Minnesota Department of Employment and Economic Development](http://mn.gov/deed/job-seekers/job-outlook/index.jsp) (http://mn.gov/deed/job-seekers/job-outlook/index.jsp).

Technical Credits: 16 Credits

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

Also see: Architectural Technology AAS & Architectural and Construction Technician diploma

Gainful Employment

Follow this link for a [Gainful Employment Report](#).

Start Dates

Fall Semester.....	August
Spring Semester	January

Faculty Contact

[Jay Boyle](#).....763-576-4056

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

Sample Program Sequence:

*Full Time

Fall Semester		Spring Semester		
1st YEAR	ARCH 1000	2	ARCH 1004	2
	ARCH 1002	2	ARCH 1015	2
	ARCH 1040	1	ARCH 1045	1
	ARCH 1043.....	3	ARCH 1052.....	3
	TOTAL	8	TOTAL	8