

# Cabinetmaking DIPLOMA

## Program Overview

Cabinetmakers are skilled in the phases of cabinet construction from the initial drafting and layout, to material cutting, assembly, finishing and installation. The principles used in building kitchen cabinets are also used in building store fixtures, furniture and all other types of woodworking. The program prepares students to work for cabinet manufacturers and custom cabinet shops.

## Career Opportunities

New construction in housing and industry, and the renovation and modernization of existing structures are expected to increase the demand for cabinetmakers.

Cabinetmaking graduates find positions in kitchen cabinet shops, lumber companies, sash and door factories, store fixture manufacturers, display shops, wood specialty shops, and furniture repair shops. Some graduates operate their own business.

## Program Outcomes

1. Graduates will have acquired supervised hands-on experience building framed and frameless cabinetry.
2. Graduates will have knowledge, skill, and hands-on experience in the use of CAD/CAM software and CNC equipment.
3. Graduates will have knowledge, skill, and hands-on experience with wood stains, finishes and finishing equipment.
4. Graduates will have knowledge, skill, and hands-on experience in plastic laminate technology and fabrication.
5. Graduates will have acquired supervised hands-on experience in raised panel door layout, machinery set up, and production.
6. Graduates will have the knowledge, skills, and hands-on experience on the safe operation of woodworking equipment.

## Transfer Opportunities

Saint Paul College has a transfer articulation agreement between the following program and post-secondary institution for the baccalaureate degree program listed below.

For more information please go to [saintpaul.edu/Transfer](http://saintpaul.edu/Transfer).

### Cabinetmaking Diploma

BS Operations Management  
Minnesota State University, Moorhead

## Program Faculty

Thomas Hillstead  
[thomas.hillstead@saintpaul.edu](mailto:thomas.hillstead@saintpaul.edu)

### Part-time/Full-time options

Part-time and full-time options available. Technical courses are offered during days.

### Textbook, tool, and supply costs

Additional program costs total approximately \$1,250 for the following:

- Tools: \$500.00
- Books & Supplies: \$350.00
- Projects (costs vary) about: \$400.00

## Program Requirements

Check off when completed

MATH 1411 – Applied Math is required for program graduation. It should be taken by the end of the first semester.

Course	Cr
<input type="checkbox"/> CABT 1450 Print Reading . . . . .	2
<input type="checkbox"/> CABT 1455 Traditional Machining Methods . . . . .	5
<input type="checkbox"/> CABT 1460 Wood Technology . . . . .	2
<input type="checkbox"/> CABT 1465 Furniture & Residential Cabinetry . . . . .	5
<input type="checkbox"/> CABT 1470 CAD/CNC . . . . .	2
<input type="checkbox"/> CABT 1475 Industrial Machining Methods . . . . .	4
<input type="checkbox"/> CABT 2450 Surface Applications . . . . .	4
<input type="checkbox"/> CABT 2455 Casework & Millwork . . . . .	5
<input type="checkbox"/> CABT 2515 CNC Cabinet Design . . . . .	3
<input type="checkbox"/> Choose one of the following . . . . .	2
CABT 2690 Capstone Project/Open Lab	
CABT 2695 Internship	
<input type="checkbox"/> MATH 1411 Applied Math . . . . .	3
<b>Total Program Credits . . . . .</b>	<b>37</b>

## Program Start Dates

Fall, Spring

### Additional Requirements/Recommendations

Mathematics and drawing skills are helpful.

Students need to be alert, physically fit and have good vision.

Students are expected to attend all classes and be prompt.

It is necessary to have good hand and eye coordination. Safety will be a major factor in operating all equipment. Safety is taught and students must pass all safety tests before operating equipment.

## Course Sequence

The following sequence is recommended for a full-time student; however, this sequence is not required. Not all courses are offered each semester.

### Fall Semester

CABT 1450 Print Reading . . . . .	2
CABT 1455 Traditional Machining Methods . . . . .	5
CABT 1460 Wood Technology . . . . .	2
CABT 1465 Furniture & Residential Cabinetry . . . . .	5
CABT 1470 CAD/CNC . . . . .	2
MATH 1411 Applied Math . . . . .	3
<b>Total Semester Credits . . . . .</b>	<b>19</b>

### Spring Semester

CABT 1475 Industrial Machining Methods . . . . .	4
CABT 2450 Surface Applications . . . . .	4
CABT 2455 Casework & Millwork . . . . .	5
CABT 2515 CNC Cabinet Design . . . . .	3
Choose one of the following . . . . .	2
CABT 2690 Capstone Project/Open Lab	
CABT 2695 Internship	
<b>Total Semester Credits . . . . .</b>	<b>18</b>

**Total Program Credits . . . . . 37**

### Minimum Program Entry Requirements

Students entering this program must meet the following minimum program entry requirements:

**Reading:** Score of 60+ or grade of "C" or better in READ 0721

**Writing:** Score of 38+

**Arithmetic:** Score of 31+

### Assessment Results and Prerequisites:

Students admitted into Saint Paul College programs may need to complete additional courses based on assessment results and course prerequisite requirements. Certain MATH, READ, and ENGL courses have additional prerequisites.

085D (7040)

*Information is subject to change.  
This Program Requirements Guide is not a contract.*