

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.

Program Faculty

Thomas Hillstead 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 \$1,000 for the following:

- Tools: \$500.00
- Books & Supplies: \$350.00
- Projects (costs vary) about: \$150.00

Program Requirements

Check off when completed

MATH 1411 – Applied Math is required for program graduation. It can be taken any semester but must be completed by the end of the second semester.

Course	Cr
<input type="checkbox"/> CABT 1410 Print Reading and Design	3
<input type="checkbox"/> CABT 1415 Wood Technology	3
<input type="checkbox"/> CABT 1425 Machining 1	5
<input type="checkbox"/> CABT 1426 Machining 2	3
<input type="checkbox"/> CABT 1431 Framed Cabinetry	5
<input type="checkbox"/> CABT 2410 Laminates and Countertops	4
<input type="checkbox"/> CABT 2441 Frameless Cabinetry	5
<input type="checkbox"/> CABT 2510 CAD/CAM/CNC	4
<input type="checkbox"/> MATH 1411 Applied Mathematics	3

Total Program Credits 35

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.

Program Start Dates

Fall, Spring

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.

First Semester

CABT 1410 Print Reading and Design	3
CABT 1415 Wood Technology	3
CABT 1425 Machining 1	5
CABT 1431 Framed Cabinetry	5
MATH 1411 Applied Mathematics	3
Total Semester Credits	19

Second Semester

CABT 1426 Machining 2	3
CABT 2410 Laminates and Countertops	4
CABT 2441 Frameless Cabinetry	5
CABT 2510 CAD/CAM/CNC	4
Total Semester Credits	16

Total Program Credits 35

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 www.saintpaul.edu/Transfer.

Cabinetmaking Diploma

BS Operations Management
Minnesota State University-Moorhead

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

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: Any

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.

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