**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. Practice safe use of woodworking tools and equipment.
2. Build both framed and frameless cabinets to industry standards.
3. Design parts using CAD/CAM software and generate the part using the cnc router.
4. Fabricate laminate products.
5. Explain project details specified through plans.

**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.

**Cabinetmaking Diploma**
BS Operations Management
Minnesota State University, Moorhead

**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 $1,250 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
---|---
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
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
MATH 1411 Applied Math | 3

Total Program Credits | 37

**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

Total Semester Credits | 19

**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

Total Semester Credits | 18

Total Program Credits | 37

**Minimum Program Entry Requirements**
Students entering this program must meet the following minimum program entry requirements:

- **Reading:** Score of 240+ or grade of “C” or better in READ 0721
- **Writing:** Score of 225+
- **Arithmetic:** Score of 250+

**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.

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