

CABINETMAKING TECHNIQUES

Program: CABT

Credential: Ontario College Certificate

Delivery: Full-time

Length: 3 Semesters

Duration: 1 Year

Effective: Fall 2023

Location: Barrie

Description

In this project-based program, students are provided the opportunity to develop and advance foundational knowledge and skills for the cabinetmaking industry. Experiential learning ensures that students are competent in all aspects of the industrial cabinetmaking/woodworking field, from planning stages through to the application of final finishes on a variety of solids and manufactured products.

Career Opportunities

Our graduates enjoy success as employees in custom or production furniture building, commercial millwork, kitchen cabinet making, custom stair shops, finishing and residential trim. Potential career opportunities include, trim carpentry, installers, cabinetmaker, machine set up technician, shop supervisor and self-employment.

A graduate may wish to discuss the possibility of eligibility for apprenticeship credits into the Cabinetmaking apprenticeship program with the Ministry of Training Colleges and Universities.

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. perform cabinetmaking activities safely to industry standards;
2. determine joinery requirements for various types of cabinetmaking construction including sketches and shop drawings of common furniture and cabinet units;
3. interpret drawings for production planning and estimating;
4. select, maintain and operate hand tools, portable power tools and stationary machinery;
5. select various grades of lumber and building materials;
6. perform sanding and adhesive operations to industry standard;
7. select and apply finishes and hardware used in manufacturing of furniture, cabinets and millwork;
8. produce cabinets and other architectural specialties including millwork, mouldings to be installed in residential and commercial applications;
9. apply mathematical solutions for cabinetmaking applications;
10. apply basic entrepreneurial strategies to identify and respond to new opportunities;
11. employ environmentally sustainable practices within the profession.

Program Progression

The following reflects the planned progression for full-time offerings of the program.

Fall Intake

- **Sem 1:** Fall 2023
- **Sem 2:** Winter 2024
- **Sem 3:** Summer 2024

Admission Requirements

OSSD or equivalent with

- Grade 12 English (C or U)

Mature students, non-secondary school applicants (19 years or older), and home school applicants may also be considered for admission. Eligibility may be met by applicants who have taken equivalent courses, upgrading, completed their GED, and equivalency testing. For complete details refer to: www.georgiancollege.ca/admissions/academic-regulations/ (<https://www.georgiancollege.ca/admissions/academic-regulations/>)

Applicants who have taken courses from a recognized and accredited post-secondary institution and/or have relevant life/learning experience may also be considered for admission; refer to the Credit for Prior Learning website for details:

www.georgiancollege.ca/admissions/credit-transfer/ (<https://www.georgiancollege.ca/admissions/credit-transfer/>)

Graduation Requirements

17 Program Courses

1 Communications Course

1 General Education Course

Graduation Eligibility

To graduate from this program, the passing weighted average for promotion through each semester, and to graduate is 60%. Additionally, a student must attain a minimum of 50% or a letter grade of P (Pass) or S (Satisfactory) in each course in each semester unless otherwise stated on the course outline.

Program Tracking

The following reflects the planned course sequence for full-time offerings of the Fall intake of the program. Where more than one intake is offered contact the program co-ordinator for the program tracking.

Semester 1		Hours
Program Courses		
CABT 1010	Hand and Power Tools	42
CABT 1011	Cabinetmaking Applications	70
CABT 1012	Finishing Processes	28
CABT 1013	Joinery and Fastening	42
DRFT 1009	Technical Drawings	28
MATH 1036	Math for Wood Trades	28
		Hours
		238
Semester 2		
Program Courses		
CABT 1014	Cabinet Construction and Installation	28
CABT 1016	Finishing Applications	28

CABT 1018	Construction Applications	84
CABT 1024	Trim and Mouldings	42
CABT 1025	Cabinetmaking Materials	28
DRFT 1018	AutoCAD and Cabinetmaking Software	28
Communications Course		
Select 1 course from the communications list during registration.		42
Hours		280
Semester 3		
CABT 1019	Preproduction Planning	28
CABT 1020	Advanced Projects	84
CABT 1021	Furniture Design, Stair and Film Construction Fundamentals	28
CABT 1022	Advanced Finishing	28
CABT 1023	Construction Detailing	42
General Education Course		
Select 1 course from the general education list during registration.		42
Hours		252
Total Hours		770

Graduation Window

Students unable to adhere to the program duration of one year (as stated above) may take a maximum of two years to complete their credential. After this time, students must be re-admitted into the program, and follow the curriculum in place at the time of re-admission.

Disclaimer: *The information in this document is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs.*

Program outlines may be subject to change in response to emerging situations, in order to facilitate student achievement of the learning outcomes required for graduation. Components such as courses, progression, coop work terms, placements, internships and other requirements may be delivered differently than published.