

CABINETMAKING TECHNIQUES

Program: CABT

Credential: Ontario College Certificate

Delivery: Full-time

Length: 3 Semesters

Duration: 1 Year

Effective: Fall 2019

Location: Barrie

Description

This program gives students many project opportunities that develop the foundational knowledge and skills for the cabinetmaking industry. Many hands-on opportunities ensure that graduates are competent in all aspects of the industrial cabinetmaking/woodworking field, from the planning stages to the application of final finishes on various products.

Career Opportunities

Our graduates enjoy success as employees in custom or production furniture building, millwork, kitchen cabinet making, furniture finishing and residential trim. Potential career opportunities include cabinetmaker, shop supervisor, machine set up technician, or 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 standards;
7. select and apply finishes and hardware used in manufacturing of furniture, cabinets and millwork;
8. produce cabinets and other architectural specialties including millwork and 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.

The Program Progression

Fall Intake

- **Sem 1:** Fall 2019
- **Sem 2:** Winter 2020
- **Sem 3:** Summer 2020

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/policies-procedures/ (<http://www.georgiancollege.ca/admissions/policies-procedures/>)

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 Transfer Centre website for details:

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

Graduation Requirements

16 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

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 1007	Mathematics Techniques		42
Hours			252
Semester 2			
Program Courses			
CABT 1014	Cabinet Construction and Installation		28
CABT 1015	Trim and Mouldings		28
CABT 1016	Finishing Applications		28
CABT 1017	Cabinetmaking Materials		42
CABT 1018	Construction Applications		84
Communications Course			
Select 1 course from the communications list during registration.			42
Hours			252

Semester 3

CABT 1019	Preproduction Planning	28
CABT 1020	Advanced Projects	84
CABT 1021	Furniture Design	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		756

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.

Information contained in College documents respecting programs 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. The college reserves the right to add or delete programs, options, courses, timetables or campus locations subject to sufficient enrolment, and the availability of courses.