

GENERAL CONSTRUCTION CARPENTRY TECHNIQUES - APPRENTICESHIP

Program: CAAP

Credential: Ontario College Certificate

Delivery: Full-time

Work Integrated Learning: Apprentice Placement

Length: 720 hours

Effective: Fall 2023

Location: Muskoka, Owen Sound

Description

Graduates of the General Construction Carpentry Techniques - Apprenticeship program have demonstrated achievement of vocational learning outcomes during in-school apprenticeship training that include the essential skills, knowledge, and attitudes for entry level positions in specific carpentry environments. The 720 hour in-school program focuses primarily on theoretical knowledge and essential skills required to support the performance objectives of the Apprenticeship Training Standards. A General Carpenter apprenticeship includes three levels of in-school curriculum training which includes, but is not limited to, instruction in:

- safety, materials and tools
- plans, specifications and building codes
- estimating, calculations and layout
- metal cutting and welding
- residential, institutional, commercial and industrial construction
- excavation, shoring and re-shoring
- footings, foundations and drainage systems
- roofs and trusses
- exterior and interior finishing

General Carpenter is a trade regulated by the Ontario College of Trades and Apprenticeship Act, 2009. Qualified individuals may obtain a Certificate of Qualification, which confirms its holder has the skills, knowledge and experience that meet industry standards of practice for the trade.

Career Opportunities

Graduates of this program may work in a variety of employment settings in construction, renovation, and repair, and work on structures made of wood, steel, concrete, and other materials in the residential, commercial and industrial construction sectors and in related industries.

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. identify, select and safely use tools to complete a given task to supplied specifications, codes and/or instructions;
2. evaluate, select and apply the appropriate construction material and fastening systems for a specific use in the industry;

3. adhere to the standards set forth in the Ontario Building Code for all types of construction;
4. apply the principles of drafting to the interpretation and production of sketches including survey and plot plans, and architectural, mechanical, and electrical drawings;
5. solve construction-related problems and plan and design small projects using a variety of mathematical concepts and techniques;
6. apply the principles of energy conservation to residential and commercial projects;
7. use computer technology to research and create material related to both residential and ICI sectors of the construction industry;
8. identify and work within the interdependence of skilled trades on a construction site to complete projects in a timely, financially-responsible, and ethical manners.

External Recognition

Upon successful completion of their Level 3 in school training, these apprentices must complete the remainder of the required skills outlined in the Training Standard Log Book to qualify for their Apprenticeship Certificate. Thereafter, they are eligible to write their Certificate of Qualifications exam for this Red Seal Trade.

Graduates may be able to receive credit toward further education in related post-secondary diploma, advanced diploma, or degree programs.

Admission Requirements

- Ontario Secondary School Diploma (OSSD) or equivalent, mature student status
- Prospective students must be registered apprentices with the Ministry of Labour, Training, and Skills Development

Additional Information

An apprenticeship involves practical training provided on-the-job by a skilled worker, or trainer. The skills or competencies to be developed are set out by the trade's Apprenticeship Training Standard and are recognized by the industry as being essential to the practice of the trade.

As these essential skills are developed, the apprentice's sponsor or trainer signs the relevant sections of the training standard to indicate that the apprentice has met the individual training objectives by demonstrating the skills required of a skilled worker, or journeyman, in the trade.

To advance to Level 2 of the apprenticeship program, an individual must have completed all of the units outlined in Level 1. Similarly, in order to advance to Level 3 of the program, an individual must have completed all of the units outlined in Level 1 and 2.

Graduation Requirements

Students must successfully complete all three levels to receive a certificate.

- General Carpenter Apprentice Level 1 - Basic (CABA)
- General Carpenter Apprentice Level 2 - Intermediate (CAIN)
- General Carpenter Apprentice Level 3 - Advanced (CAAD)

Graduation Eligibility

Students must successfully complete all required courses as noted below. Further details, if applicable, are noted under "Additional Information" above.

Program Tracking

Level 1- Basic (CABA)

Program Courses	Hours
CABA 1002 Estimating, Calculating and Layout 1	33
CABA 1007 Safety, Materials and Tools	168
CABA 1008 Plans, Specifications, and Codes 1	24
CABA 1009 Welding	15
Hours	240
Total Hours	240

Level 2 - Intermediate (CAIN)

Program Courses	Hours
CAIN 1002 Estimating, Calculating and Layout 2	24
CAIN 1003 Residential Construction: Foundations, Floors, Walls, Ceilings, Roofs and Finishes	192
CAIN 1004 Plans, Specifications, and Codes 2	24
Hours	240
Total Hours	240

Level 3 - Advanced (CAAD)

Program Courses	Hours
CAAD 1002 Estimating, Calculations and Layout 3	24
CAAD 1004 ICI Construction	192
CAAD 1005 Plans, Specifications, Codes 3	24
Hours	240
Total Hours	240

Code Title

Additional Course Offering by Georgian College

CAAD 1003	Carpenter App Exam Prep
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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.