

# BUILDING CONSTRUCTION TECHNICIAN - CARPENTRY (CRTN)

## Build your future from the ground up

Take your carpentry skills to the next level. Skilled trades workers are more in-demand than ever, and this program is designed for those who want more than the basics to pursue roles in the commercial or residential construction sectors.

Learn how to review and interpret building plans, collaborate with multiple tradespeople, apply sustainability practices, understand building codes, and ensure projects meet safety and legal standards.

By gaining real, hands-on experience in building and technical functions across a range of projects, you'll be ready to join a building team and take on jobs that require expertise and leadership.

## Program highlights

- Safe working practices are prioritized throughout the program
- Business courses in the final semester provide a foundation for running your own business
- Capstone project provides experiential learning
- Optional co-op opportunity
- Flexibility to complete year one, enter the workforce to take advantage of seasonal work, then come back for year two
- Shared first year with students from our one-year Carpentry and Renovation Techniques certificate program (<https://cambriancollege.ca/programs/carpentry-renovation-techniques/>)
- Option to start in January for an accelerated learning experience (four continuous semesters)
- Opportunity for select students to participate in the Ontario Skills Competition (<https://www.skillsontario.com/skills-ontario-competition/>)

## Program of study for the 2026-27 Academic Year

Semester 1		Credits
CON 1100	Plans, Specifications and Code I	3
CON 1101	Estimating and Calculations I	3
CON 1102	Surveying & Form Layout I	3
CON 1103	Floor and Wall Framing I	4
CON 1104	Roof Framing I	3
CON 1105	Tools Materials and Safety	4
ENG 1002	College Communications	3
<b>Credits</b>		<b>23</b>
Semester 2		
CON 1106	Exterior Applications	3
CON 1107	Interior Applications	3
CCT 1304	Interior Installation Finishes	3
CCT 1305	Exterior Installation Finishes	3
CON 1108	Estimating & Calculations II	3
CON 1109	Plans, Specifications and Code II	3

One General Elective Course		3
<b>Credits</b>		<b>21</b>
Semester 3		
CON 1110	Roof Framing II	4
CON 1111	Floor and Wall Framing II	4
CON 1112	Surveying and Layout II	4
CON 1113	Plans, Specifications and Code III	3
CON 1114	Estimating and Calculations III	3
CON 1115	Stairs	4
ENG 1765	Workplace Communication	3
One General Elective Course		3
<b>Credits</b>		<b>28</b>
Semester 4		
BUS 1185	Accounting for Non-Finance	3
CON 1116	ICI Int Finishes	4
CON 1117	Timber Construction	3
CON 1118	Carpentry Capstone	3
CCT 1301	Welding Hoisting Rigging	2
One General Elective Course		3
<b>Credits</b>		<b>18</b>
<b>Total Credits</b>		<b>90</b>

## Admission requirements

For graduates of the new curriculum (OSSD): Ontario Secondary School Diploma (30 credits) or equivalent or mature student status including:

- Any grade 12 English (C) or (U)
- Any grade 11 mathematics (C), (U), or (M)

## Program delivery

### 2026-27

#### Fall term start

Semester 1: Fall 2026  
Semester 2: Winter 2027  
Semester 3: Fall 2027  
Semester 4: Winter 2028

#### Winter term start

Semester 1: Winter 2027  
Semester 2: Spring 2027  
Semester 3: Fall 2027  
Semester 4: Winter 2028

#### Specific program pathways

Graduates from this program may continue their studies at college/university and may receive credit for their prior College education.

Refer to College/University Agreements (<https://cambriancollege.ca/supports-services/articulation-agreements/universities-in-canada/>) for further information.

## Employment opportunities

Graduates can pursue entrepreneurship or work in a variety of entry-level positions in the residential and light commercial sectors of the construction industry, including (but not limited to):

- Concrete form workers
- Framing carpenters
- Interior systems installers
- Exterior finishers
- Door and window installers and junior estimators