



CAAP2 – Carpenter Apprenticeship Level 2

Trades

Effective Term & Year: Fall 2022

Program Outline Review Date: 2024-04-01

Program Area: Trades Apprenticeship Training

Description:

This 7-week program delivers the technical training required for Level 2 of the four-level Carpenter Apprenticeship program. Apprentices develop knowledge and practical skills related to safe work practices; portable and stationary power tools and oxy-fuel equipment; building codes and bylaws; construction drawings and specifications; survey instruments and equipment; site layout; concrete formwork; wood frame construction; finishing materials; and building science. This program includes classroom theory, demonstrations and practical hands-on training in a carpenter shop setting. Safe work habits related to the carpenter trade are emphasized and reinforced throughout the program.

Credentials Granted:

Upon successful completion of the 7-week Level 2 Carpenter Apprenticeship program, students receive:

- Level 2 Technical Training credit of the Carpenter Apprenticeship program from SkilledTradesBC

Delivery Methods: Face-to-Face, Online

Program Duration: 7 weeks

Instructional Activity and Hours:

Activity	Hours
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Instructional Hours (hrs/wk)	28 hrs/wk
Directed Studies (hrs/wk)	2 hrs/wk
Total (hrs/wk)	30 hrs/wk
Total Program Hours	210 Hours

Content Weighting:

Activity	Percentage
Classroom, Directed Studies or Online Instruction	50%
Seminar/Tutorials	50%

Admission Requirements:

Sponsored Carpenter apprentice who has successfully completed Level 1 of the Carpenter Apprenticeship program (harmonized curriculum) or Carpenter Foundation program (harmonized curriculum).

Flexible Assessment:

Credit cannot be awarded for this program through Flexible Assessment.

Program Transfer Credit:

For information about block transfer agreements between programs in British Columbia, Alberta, and elsewhere, please visit <http://www.cotr.bc.ca/transfer>.

To minimize transfer issues, check with an academic advisor at the institution that will receive the transfer credits.

Textbooks and Required Resources:

Textbook selection varies by instructor and may change from year to year. At the Program Outline Effective Date the following textbooks were in use (most current edition):

Carpenter Apprenticeship Program Level 2 (two binder set) 2017

Carpentry Third Canadian Edition by Vogt and Nauth

Building Trades Blueprint Reading – Residential

WCB Regulations (not necessary to purchase)

BC Building Code

Canadian Woodframe House Construction (optional)

The Span Book (optional)

Program Competencies and Technical Training Content:

Upon successful completion of this program, students will be able to:

CAAP 201 Documentation and Organizational Skills

- Use construction drawings and specifications
- Interpret building codes and bylaws

CAAP 202 Tools and Equipment

- Use portable power tools
- Use stationary power tools
- Use oxy-fuel equipment

CAAP 203 Survey Instruments and Equipment

- Use site layout equipment

CAAP 204 Site Layout

- Lay out building locations

CAAP 205 Concrete Formwork

- Build slab-on-grade forms and suspended slab forms
- Place and finish concrete

CAAP 206 Wood Frame Construction

- Select framing materials
- Build wall systems
- Build stair systems
- Build roof systems

CAAP 207 Finishing Materials

- Describe roofing materials
- Install doors and hardware
- Install windows and hardware
- Install exterior finishes

CAAP 208 Building Science

- Control the forces acting on a building
- Control heat and sound transmission
- Control air and moisture movement in buildings

Evaluation and Assessment:

CARPENTER APPRENTICESHIP LEVEL 2

COTR COURSE	SUBJECT COMPETENCIES	THEORY WEIGHTING	PRACTICAL WEIGHTING
CAAP 201	Documentation and Organizational Skills	13%	13%
CAAP 202	Tools and Equipment	10%	10%
CAAP 203	Survey Instruments and Equipment	8%	9%
CAAP 204	Site Layout	7%	7%
CAAP 205	Concrete Formwork	10%	10%
CAAP 206	Wood Frame Construction	20%	22%
CAAP 207	Finishing Materials	25%	22%
CAAP 208	Building Science	7%	7%
Total		100%	100%

Calculated by the Training Provider Carpenter (in-school theory and practical subject competency weighting)	50%	50%
Training Provider enters final in-school mark into STBC Direct Access	IN-SCHOOL %	
Calculated by ITA: In-school Mark SkilledTradesBC calculates the percentage weighting once the in-school mark is entered. Combined theory and practical subject competency multiplied by		80%
Calculated by ITA: Standard Level Exam Mark SkilledTradesBC calculates the percentage weighting once the standard level exam marks have been entered. The exam score is multiplied by		20%
Calculated by ITA: Final Mark The final mark for determining credit is calculated by SkilledTradesBC.		FINAL%

Pass Requirements:

Passing Grade –Final Mark minimum 70% overall

Students must maintain an acceptable level of attendance (as described in the College Policies and Procedures), complete all assigned projects and pass all exams to successfully complete the program.

Students must provide their own:

- Safety-toed leather work boots

- Safety glasses
- Reference manuals
- Pens, pencils, three-ring binder, paper
- Calculator (non-programmable)
- Paper

Academic Policies:

College of the Rockies policies related to courses can be found at <https://cotr.bc.ca/about-us/college-policies/> and include the following:

- Policy 2.4.3 Students with Documented Disabilities
- Policy 2.4.4 Student Conduct (plagiarism, other cheating, behavioral misconduct)
- Policy 2.5.8 Academic Performance
- Policy 2.5.3 Grade Appeal
- Policy 2.4.9 Student Concerns Re Faculty

Program Grade

COM	NCG
Completed to the defined standard – 70% or greater	No Credit Granted – less than 70%

Program Changes:

Information contained in program outlines is correct at the time of publication. Content of the program is revised on an ongoing basis to ensure relevance to changing educational, employment, and marketing needs. The instructor endeavours to provide notice of changes to students as soon as possible. The instructor reserves the right to add material to programs.

Industry Training:

The program competencies and technical training content delivered in this program follow the SkilledTradesBC Program Outline for this trade.

Safety Catalog:

WorkSafeBC regulations apply to all trades programs. Students are expected to follow all safe work practices and have high regard for the safety of others as well as of themselves. Students are responsible to wear personal protective equipment (PPE) as directed. At a minimum, students must provide and wear approved safety footwear and eyewear at all times in the shop. Additional PPE may be required for specific tasks. Students are expected to wear clothing suitable for working safely in the shop.

Course Descriptions: Refer to Course Outlines – <https://outlines.cotr.bc.ca/course/>