CAAP3 – Carpenter Apprenticeship Level 3

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 for Level 3 of the four-level Carpenter Apprenticeship program. Apprentices develop knowledge and practical skills related to interpreting building codes and bylaws, applying excavation practices, building and installing concrete formwork, building roof systems, and installing interior finishing for cabinets, floors, ceilings and wall systems. This program includes classroom theory, demonstrations and practical hands-on training in a carpenter shop setting. Safe work practices related to the carpenter trade are emphasized and reinforced throughout the program.

Credentials Granted:

Level 3 Technical Training credit of the Carpenter Apprenticeship program from SkilledTradesBC

Delivery Methods: On-Campus (Face-to-Face), Online

Program Duration: 7 weeks

Instructional Activity and Hours:

Activity	Hours
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
Theory	50%
Practical Skills	50%

Admission Requirements:

Sponsored Carpenter apprentice who has successfully completed Level 2 Carpenter Apprenticeship (harmonized) or Level 2 Carpenter Apprenticeship (non- harmonized) AND Level 2 Carpenter apprentice Gap Training.

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 3 (two binder set) 2018

Carpentry Third Canadian Edition by Vogt and Nauth

Building Trades Blueprint Reading – Residential

WCB Regulations (not necessary to purchase) available online

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 311 Documentation and Organizational Skills

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

CAAP 312 Tools and Equipment

- Use hand tools
- Use stationary power tools

CAAP 313 Site Layout

- Apply excavation and shoring practices

CAAP 314 Concrete Formwork

- Use concrete types, materials, additives and treatments
- Select concrete forming systems
- Build footing and vertical formwork
- Build slab-on-grade and suspended slab forms
- Install reinforcement and embedded items
- Build concrete stair forms
- Install specialized formwork

CAAP 315 Wood Frame Construction

- Build roof systems

CAAP 316 Finishing Materials

- Install doors and hardware
- Install interior finishes
- Install cabinets
- Install interior floor, ceiling and wall systems

Evaluation and Assessment:

CARPENTER APPRENTICESHIP LEVEL 3

COTR COURSE	SUBJECT COMPETENCIES	THEORY WEIGHTING	PRACTICAL WEIGHTING
CAAP 311	Documentation and Organizational Skills	14%	14%
CAAP 312	Tools and Equipment	3%	8%
CAAP 313	Site Layout	3%	0%
CAAP 314	Concrete Formwork	30%	30%
CAAP 315	Wood Frame Construction	20%	18%
CAAP 316	Finishing Materials	30%	30%
	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 SkilledTradesBC: 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 SkilledTradesBC: 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 SkilledTradesBC: Final Mark The final mark for determining credit is calculated by SkilledTradesBC.		FINAL%	

Pass Requirements:

1. Successful completion of the in-school training is defined as a final overall minumum of 70% to meet SkilledTradesBC standards.

    - Students must maintain an acceptable level of attendance, 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 2.4.8 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.