



Carpenter Apprenticeship Level 3 – CAAP3 Trades Training

Program Outline

PROGRAM IMPLEMENTATION DATE: November 2003
OUTLINE EFFECTIVE DATE: April 2024
PROGRAM OUTLINE REVIEW DATE: September 2029

GENERAL PROGRAM 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, using rigging and hoisting equipment, 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: Upon successful completion of the 7-week Level 3 Carpenter Apprenticeship program, students will receive:

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

Delivery: This program is delivered face to face or hybrid (online with face-to-face components).

Time for this program: 7 weeks

Structure of Instructional Hours:

Instructional Activity	Duration
Instructional Hours	28 hrs/wk
Directed Studies	2 hrs/wk
Trades Contact Hours	30 hrs/wk
Total Program Hours	210 hrs

Content Weighting	Duration
Theory	50%
Practical Skills	50%
Total	100%

Program Outline Author or Contact:

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Signature

APPROVAL SIGNATURES:

Department Head

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EDCO

Valid from: April 2024 – September 2029

Education Council Approval Date

PROGRAM PREREQUISITES AND TRANSFER CREDIT:

Prerequisites: Sponsored Carpenter apprentice who has successfully completed Level 2 of the Carpenter Apprenticeship program.

Flexible Assessment (FA):

Credit can be awarded for this program through FA

Yes

No

Prior Learning Credit:

Apprentices that have extensive work experience in a trade (in BC or elsewhere) but have never been certified must apply through SkilledTradesBC (STBC) to challenge the certification for advanced placement in a program. Refer to the STBC website ([Challenge a Skilled Trade | SkilledTradesBC](#)) for details regarding the challenge procedure. Trade specific requirements can be found for each trade in the Trades Program Profiles on the STBC website.

Prior Program Number: N/A

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)

Please see the instructor's syllabus or check COTR's online text calculator <https://textbook.cotr.bc.ca/> for a complete list of the currently required textbooks.

TECHNICAL TRAINING CONTENT AND PROGRAM COMPETENCIES:

- 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 Access, Rigging, and Hoisting Equipment**
- Use rigging and hoisting equipment
- CAAP 314 Site Layout**
- Apply excavation and shoring practices
- CAAP 315 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 316 Wood Frame Construction**
- Build roof systems
- CAAP 317 Finishing Materials**
- Install doors and hardware
 - Install interior finishes
 - Install cabinets
 - Install interior floor, ceiling and wall systems

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

See instructor’s syllabus for the detailed outline of weekly readings, activities and assignments.

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	Access, Rigging, and Hoisting Equipment	3%	3%
CAAP 314	Site Layout	3%	0%
CAAP 315	Concrete Formwork	27%	27%
CAAP 316	Wood Frame Construction	20%	18%
CAAP 317	Finishing Materials	30%	30%
	Total	100%	100%
In-school theory/practical subject competency weighting		50%	50%
Final in-school percentage score		IN-SCHOOL %	

In-school Percentage Score Combined theory and practical subject competency multiplied by	80%
Standardized Level Exam Percentage Score The exam score is multiplied by	20%
Final Percentage Score	FINAL%

Pass Requirements:

In order to pass this program, students are required to:

- achieve a minimum overall 70% final percentage score.

SAFETY:

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.

STUDENTS MUST PROVIDE THEIR OWN:

- Safety-toed leather work boots
 - Safety glasses
 - Reference manuals (as listed on the second page)
 - Pens, pencils, three-ring binder, paper
 - Calculator (non-programmable)
 - Paper
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EXAM POLICY:

Students must attend all required scheduled tests and exams that make up a final grade at the appointed time and place.

Individual instructors may accommodate for illness or personal crisis. Additional accommodation will not be made unless a written request is sent to and approved by the appropriate Department Head prior to the scheduled exam.

Any student who misses a scheduled test or exam without approval will be given a grade of “0” for the exam.

PROGRAM GRADE:

Program grades are assigned as follows:

COM	Completed to defined standard $\geq 70\%$
NCG	No Credit Granted $< 70\%$

Successful completion of the in-school training is defined as a final score of 70% or greater. (ITA website)

ACADEMIC POLICIES:

See www.cotr.bc.ca/policies for general college policies related to program activities, including grade appeals, cheating and plagiarism.

PROGRAM CHANGES:

Information contained in program outlines is correct at the time of publication. Content of the programs 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.