

# Carpentry/Building Construction: Citation (Foundation)

Faculty of Trades and Technology	kpu.ca/trades
Implementation Date	01-Sep-2011
Start Date(s)	Varies
Admission Type	Fixed term
Enrolment Type	Limited enrolment
Program Type	Vocational
Credential Granted	Citation
Offered At	Cloverdale
Format	Full-time
How to Apply	www.kpu.ca/admission

## DESCRIPTION

This 24 week program prepares students for employment as a carpenter apprentice. Students will develop practical skills through an organized approach to safety, building codes and the use of hand and power tools. Practical projects are performed in indoor and outdoor environments to provide opportunities to erect, install, maintain and repair structures and components of structures made of wood, wood substitutes and other materials.

At the end of the Foundation program students will write the Carpentry Level 1 exam. Students who complete the Foundation program and exam are eligible for ITA credit in Carpentry Level 1 apprenticeship and 450 work-based hours.

Taking a foundation program can build the skills that employers are looking for. To progress as an apprentice you will need to find an employer who will sponsor your apprenticeship and register with the Industry Training Authority (ITA). When you are ready for career advancement; KPU delivers Carpentry Apprenticeship in-school technical training levels 2, 3 and 4.

## STUDENT PROFILE

This program is suited for individuals that like to analyze, build and assemble structures from drawings and sketches. Physical demand can vary; there is a considerable amount of standing, bending, lifting and need for hand-eye coordination. Additional information is available at: [kpu.ca/trades/carpentry](http://kpu.ca/trades/carpentry).

## CAREER OPPORTUNITIES

This program prepares graduates for employment with construction companies, carpentry contractors, and maintenance departments of factories, plants and other establishments. Progression to supervisory positions is possible with additional training and experience.

## PROGRAM ADMISSION REQUIREMENTS

In addition to KPU's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- English:
  - English 12 with a minimum grade of 'C' (or equivalent), or
  - Completion of KPU's Trades reading test with a minimum score of 80%
- Mathematics:
  - Apprenticeship and Workplace Mathematics 11 with a minimum grade of 'C' (or equivalent), or
  - Foundations of Mathematics 11 with a minimum grade of 'C' (or equivalent), or
  - Pre-calculus 11 with a minimum grade of 'C' (or equivalent), or
  - KPU's Trades Mathematics test with a minimum threshold percentage of 31%
- Interview by an instructor

### Notes:

- Completion of high school shop courses is an asset.
- International student Application for Admission requires approval of the Dean.

Recommend satisfactory physical health. Prior to applying, prospective students with mental or physical impairments, who may require program accommodations, should contact the Office of the Dean of Trades and Technology to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## PROGRAM REQUIREMENTS

- Safe work practices
- Basic hand tools
- Basic power tools
- Pneumatic tools
- Powder actuated tools
- Blueprint reading and basic estimating
- Basic leveling (builders level)
- Introduction to concrete
- Concrete quantity calculating
- Concrete forms
- Floor framing
- Wall framing
- Roof framing
- Stair calculating and building

### Required Courses

CARP 1102	Safe Work Practices	2 credits
CARP 1104	Hand and Power Tools	3 credits
CARP 1109	Building Materials, Codes and Drawings	3 credits
CARP 1115	Building Site Layout and Leveling	2 credits
CARP 1119	Building Residential Concrete Formwork Systems	2.5 credits
CARP 1125	Floors, Walls & Ceilings: Residential Framing Systems	3.5 credits
CARP 1130	Roofs & Stairs: Residential Framing Systems	3.5 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations and includes safety glasses, steel toed boots, hard hat and hearing protection. A list of required tools will be provided by Admissions upon acceptance to this program.

### CREDENTIAL AWARDED

Upon successful completion of this program, students are eligible to receive a **Citation in Carpentry/Building Construction**.

KPU will report your in-school technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.