

# Plumbing and Piping: Citation (Foundation)

<b>Faculty of Trades and Technology</b>	kpu.ca/trades
<b>Program Type</b>	Vocational
<b>Credential Granted</b>	Citation
<b>Offered At</b>	Cloverdale
<b>Start Date(s)</b>	Varies
<b>Intake Type</b>	Limited intake
<b>Format</b>	Full-time
<b>Instructional Cycle</b>	Fixed-term
<b>Curriculum Effective Date</b>	05-Jan-2015
<b>How to Apply</b>	www.kpu.ca/admission

## DESCRIPTION

This 25-week program (duration may vary for some intakes) prepares students for employment as a pipefitter, steamfitter, sprinkler installer, gasfitter or plumbing apprentice. Students will develop the necessary habits concerning safety, time and materials management, hand tools, and power tools. Practical projects are performed in a shop environment to enhance students' skills in installation, pipe repair and maintenance, fixtures and other equipment used for water, steam, chemical and fuel distribution, in addition to wastewater disposal in residential, commercial and industrial buildings.

Students who complete the Foundation program are eligible for ITA credit in Pipefitter, Steamfitter, Sprinkler Installer, Gasfitter or Plumber Level 1 apprenticeship and 375 work-based hours. Students will need to declare their intended apprentice field. KPU Apprentice Services will support students through this process.

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)

## 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 63%

**Note:** Admission for international applicants requires approval of the Dean.

## CURRICULAR REQUIREMENTS

### Required Courses

PIPE 1101	Safe Work Practices	3 credits
PIPE 1105	Organize Work	7 credits
PIPE 1110	Prepare and Assemble Piping Components	6 credits
PIPE 1121	Tools and Equipment	8 credits

**Note:** Students must achieve a 70% (B-) cumulative grade in order to successfully complete the program.

## OTHER INFORMATION

### Special Equipment

Students will be required to supply their own CSA approved steel-toed safety shoes or boots, CSA approved hard hat, safety glasses, 1 imperial 1" by 25' measuring tape and 1 metric 25 mm by 8 meters measuring tape.

## CREDENTIAL AWARDED

Upon successful completion of this program, students are eligible to receive a **Citation in Plumbing and Piping**.

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