

Piping: Citation (Foundation)

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

DESCRIPTION

This 25-week program (duration may vary for some intakes) prepares students for employment as a pipefitter, steamfitter 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 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%
- Interview by an instructor

Note: International student Application for Admission requires approval of the Dean.

Satisfactory physical health is also recommended. 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.

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, and 1" by 25' measuring tape with both imperial and metric measuring units.

CREDENTIAL AWARDED

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