

PIPEFITTER (PIPE)

Registration in some course sections is restricted to students in particular programs. See Timetables - [kpu.ca/registration/timetables](http://www.kpu.ca/registration/timetables) (<http://www.kpu.ca/registration/timetables/>) - for current section information.

Visit the BC Transfer Guide - [bctransferguide.ca](https://www.bctransferguide.ca) (<https://www.bctransferguide.ca/>) - for information about course transfer in B.C.

PIPE 1101 3 credits

Safe Work Practices

Students will address safe work practices and how they pertain to construction work sites. They will examine the Occupational Health and Safety Regulation and Guidelines of WorkSafe BC applicable to the piping trade. Students will be able to demonstrate and use general safe work practices and procedures when using tools and equipment, practice the safe handling and storage methods for materials and equipment. They will receive Powder Actuated Tool and Workplace Hazardous Materials Information System (WHMIS) certificates.

Level: VO

Attribute: TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

PIPE 1105 7 credits

Organize Work

Students will use mathematics and science to solve problems in the piping trades. They will interpret engineering drawings and sketches and will make decisions pertaining to the installation, positioning, and/or maintenance of piping and fixtures currently used in the piping trade. Students will use codes and standards in the application of shop projects, as well as describe and use manufacturer and supplier documentation encountered in the piping trade.

Level: VO

Attribute: TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

PIPE 1110 6 credits

Prepare and Assemble Piping Components

Students will describe piping and tubing materials used in the piping trade. They will join piping, for example: plastic, copper, and carbon steel. Students will describe, select, and install valves used in the piping trade. They will describe fittings and connection methods, select and install fittings. Students will be able to use acceptable methods of structure penetration.

Level: VO

Attribute: TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

PIPE 1121 8 credits

Tools and Equipment

Students will develop basic skills to identify, select, inspect, use, and maintain hand tools and stationary, as well as portable power tools, appropriate to piping processes. They will complete shop projects that involve bench work to practice hand skills using a variety of industry related tools. Students will develop skills involving soldering and rigging equipment along with but not limited to ladders, knots and platforms.

Level: VO

Attribute: TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)