

# Plumbing and Piping Trades Foundation

## School District Dual Credit Program

This 25-week program takes a student with little or no previous experience in the piping trades and supplies them with the necessary skills to seek employment in industry as an apprentice Plumber, Steamfitter/Pipefitter or Sprinkler System Installer. The program exposes the students to aspects of residential, commercial and industrial piping systems in these trades with a focus on developing practical skills. The curriculum follows the BC Industry Training Authority guidelines for the first-year in-class components of apprenticeship training for Plumber, Steamfitter/Pipefitter and Sprinkler System Installer, which includes installation, repair and maintenance procedures in compliance with the applicable codes and standards.



### Career Opportunities

Vary depending on which Trade is chosen to follow - self-employed, repair shops, construction companies, manufacturing facilities, municipalities, utility Industries and Energy Sectors. For more information on Plumbing and Piping Trades employment opportunities:

WorkBC – [www.workbc.ca](http://www.workbc.ca)

ITA – [www.itabc.ca](http://www.itabc.ca)

### Program Outline

The program exposes the student to residential, commercial and industrial systems in the referenced piping trades with a focus on developing practical skills. Graduates must complete the 5 courses with a minimum passing grade of 70% on each component. Upon successful completion of the program, graduates will receive an Okanagan College Certificate of Completion.

PPTF 101 Use Safe Work Practices

PPTF 102 Use Tools and Equipment

PPTF 103 Organize Work

PPTF 104 Install and Service Piping Systems

PPTF 105 Technical Exam

### More Info

Plumber; Steamfitter/Pipefitter Apprenticeships

[www.okanagan.bc.ca/trades](http://www.okanagan.bc.ca/trades)

### Fees

#### SD23 Pays:

- 2021-2022 Tuition: \$3034.25

#### Student Pays:

- Mandatory Fees \$918.07 includes: Activity fee, Health & Dental, Student Association fee, Education Technology fee, Development fee
- Textbooks: \$680.00 Approx.
- Tools: Approx. \$625 (students must provide their own boots)

\*All program costs are approximate and subject to change without notice

### Location

Kelowna Campus, 1000 KLO Road, Kelowna, BC



## Credentials Received

Upon successful completion students will receive Level 1 Industry Training Authority credit towards an apprenticeship in the aforementioned four trades. This will give the successful student the opportunity to commit to one trade in particular and, upon completion, have the choice to pursue one or more career paths. Secondary school students will be given credit towards Grade 12 graduation.

## Physical Requirements

- Lift and carry tools, equipment, supplies and materials weighing up to approximately 30 lbs.
- Lift, carry, hold and operate hand, air and power tools from below grade to above shoulders
- Stand on concrete, dirt, rock, asphalt, wood, etc. for extended periods of time
- Bend, stoop, kneel, crawl to perform tasks
- Work in open trenches and other confining environments (i.e. under kitchen sinks)
- Work in both indoor and outdoor venues, through all seasonal challenges
- Push/pull and carry pipe, tubing and construction materials
- Climb extension ladders, and work on scaffolding at heights

## Recommendations for Success

- Good general health and respiratory condition
- Capable of doing physical work
- Physical strength and stamina compatible with the handling of heavy equipment and materials
- Ability to tolerate noise and vibration
- Balance and coordination to walk on uneven ground for up to 8 hours per day
- Good manual dexterity
- Good hand-eye coordination
- Satisfactory eyesight, line, form and depth perception



## Sponsorship Requirements for School District Students

- Attend “Student for a Day” at Okanagan College in the program of interest
- Complete the School District application package and hand it into your Career Programs Coordinator
- Successfully pass the School District entrance criteria for English and Math (ABLE Tests)
- Be on track to graduate with a Dogwood diploma
- Meet with parents and Career Coordinator to review program and school district expectations
- Okanagan College course requirements/admission requirements met for program
- Application approved and accepted by School District
- An interview may be required for potential applicants

## Focus on Safety

Okanagan College is committed to providing a safe learning environment for students. All students are responsible for:

- Knowing safe work procedures in classroom, shop, and work areas.
- Following the safety standards as taught by the instructor. These standards meet or exceed the regulatory requirements of the WorkSafe BC Occupational Health and Safety Regulation.

Failure to do so may result in suspension from the program. Each student is expected to report any unsafe condition or unsafe behavior to his/her instructor.

## Student for a Day

Arrange your shop tour or Student for a Day experience by contacting your school Career Counselor.

### CONTACTS:

Applications are available at your school Career Centre or [www.dualcredit23.com](http://www.dualcredit23.com)

**Bob Boback, Dual Credit Coordinator**

[Bob.Boback@sd23.bc.ca](mailto:Bob.Boback@sd23.bc.ca)

**Chris Ovelson, Apprenticeship Coordinator**

[Chris.Ovelson@sd23.bc.ca](mailto:Chris.Ovelson@sd23.bc.ca)

**Lynn Kumalae, Administrative Assistant**

[Lynn.Kumalae@sd23.bc.ca](mailto:Lynn.Kumalae@sd23.bc.ca)

