



Piping / Plumbing

at Langley Secondary in partnership with BCIT
February to January (includes Work Experience)

BCIT

Available to
Grade 11, 12 &
Graduated Students

Credits & Credentials Earned

- ITA Level 1 Certificate of Completion (CofC): plumber, sprinkler fitter or steam fitter
- Credit for 9 high school courses (36 credits)
- BCIT Piping Trades Foundation Certificate
- Industry exposure & hands-on experience

How to apply:

- See your school's Career Advisor
- Complete an application in full and return by the deadline.
- Interviews will be held in April/May
- Students will be advised of their acceptance status by late May, in time to register at LSS for the following school year

Future steps to become a certified **RED SEAL** Plumber

- Confirm chosen trade path: plumber, sprinkler fitter or steam fitter
- Completion of Level 2 training
- Completion of Level 3 training
- Completion of Level 4 training
- Accumulation of a total of 6,420 work-based training hours
- ITA Standardized Written Exam
- Interprovincial Red Seal Exam

Build Professional Industry Skills

- Assemble, install or repair pipe, fittings or fixtures for water, drainage, gas or steam
- Design & troubleshoot complex piping systems for operation according to local building codes
- Work with Red Seal tradespeople in actual workplace environments

Prerequisites

- Registered in at least 3 courses within the Langley School District at the time of application.
- Completed grade 10
- Completed English 11, any Math 11 course, any Science 11 course
- Fully proficient in the English language
- Students must be at least 15 years to begin and must complete the program before turning 20
- Intention to graduate with a Dogwood Diploma
- Preference may be given to students with part-time employment, work experience or any Technology Education courses

Keys to Success

- Regular attendance, positive attitude and strong work ethic
- Willingness to learn new skills and take direction from industry professionals
- Ability to communicate & co-operate with co-workers
- Ability to work independently
- Physical fitness
- Mechanical aptitude & interest
- Ability to do careful & precise work
- Ability to interpret & follow complex instructions (written / diagrams / plans)

Program Fees

Approximately **\$950** covers the cost of BCIT workbooks & supplies, tools, coveralls & steel-toed work boots. These are tools of the trade, and students keep them for future use.

Program Savings

BCIT tuition is paid by the Langley School District for Langley students registered in this program. The cost of this training program at BCIT is approximately \$3,100 plus books & supplies.

Students requiring financial assistance may be eligible for a partial bursary. Please see your School Counsellor for more information.

Graduating Students – Plan Ahead

To be eligible, students who wish to take this program after graduation must be Conditionally Accepted into the program prior to their Grade 12 graduation.

This program starts in second semester.

To remain eligible to participate students must be registered in a Langley District school for the first semester, taking at least 3 courses.

For more information please see your school Counsellor or Career Advisor.

Contact: Sherri Silcox-Burk
Career Education Associated
Professional
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Sample Student Timetable 2 Semesters – Feb to Jan

Piping/Plumbing Program

Grade 11, Grade 12 or Graduated Students

February – January

Grade 11/12 – September – January

- First semester at home high school or at Langley Secondary
- English 11
- Social Studies 11 or equivalent
- a Math 11 course
- a Science 11 course

Students coming from a linear school will need to move schools in September. Langley Secondary welcomes Piping students, and a counsellor will help develop a good course schedule for the first semester.

February — Module 1

Piping/Plumbing Spring Semester at LSS

- 16 elective credits (equivalent of four high school courses)

Summer Work Experience (paid or unpaid) – hours logged for program requirements.

Grade 12 — September – January — Module II

- Piping/Plumbing Fall Semester at LSS
- 20 elective credits (equivalent of 5 high school courses, some may be practicum experience)
- 8 weeks of training for this semester will be held at BCIT's Burnaby Campus
- Capstone/Grad Transitions 12 is built into this program

February – June

- Go direct to work, or complete high school at home school or LSS
- English 12
- Completion of academic requirements to graduate

Frequently Asked Questions

Visit the Career Education website for frequently asked questions at www.sd35.bc.ca/careered