

**NORTHERN LIGHTS COLLEGE
REGISTRAR'S OFFICE
PROGRAM INFORMATION AND COMPLETION GUIDE**

Program Name: Piping Trades Foundation
Credential/Certification: Certificate in Piping Trades Foundation Training
Date Submitted: June 2024
Effective Date: September 2024

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Program Description: The Piping Trades Foundation Training Program encompasses the foundational technical training required to enter into the Plumber and Steamfitter/Pipefitter trades. This training includes all the relevant technical training to simultaneously complete the Foundation/Level 1 Skilled Trades BC (STBC) learning outcomes for both trades.

Students who successfully complete this training will have satisfied the STBC requirements for their level 1 training in either trade. While enrolled in this program, students must complete a two-week (60 hour) work practicum placement, exposing them to the tasks and day-to-day functions of employees and apprentices in the trade. Students who complete the Piping Trades Foundation Program will receive credit for 375 work-based hours towards completion of either Plumbing Apprenticeship or Steamfitter/Pipefitter Apprenticeship, depending on their choice of trade.

Admission Requirements:

Math – one of the following:

BC Math 10 (minimum final grade of C+), or BC Math 11 or BC Math 12 (minimum final grade of C), or equivalent.

MATH 030 or higher, with a minimum final grade of C+, or equivalent.

English – one of the following:

BC Language Arts 10 Courses – 4 credits earned, minimum individual grade of C+, or equivalent.

BC Language Arts 11 Courses – 4 credits earned, minimum individual grade of C+, or equivalent.

BC Language Arts 12 Courses – 4 credits earned, minimum individual grade of C+, or equivalent.

ENGL 030 or higher, with a minimum final grade of C+, or equivalent.

IELTS score of 5.5 overall with no band less than 5.0 or equivalent English placement test and score.

OR

ESTR 037 (Intermediate-Level Essential Skills for Trades) with a minimum final grade of 67%.

OR

Successful completion of the NLC POWER program.

Length of Program: (weeks and total hours) 19 weeks (540 hours)

Program Intake: (start/finish dates) September/January

Available Seats: 16

Application Deadline: All completed applications must be received one month prior to the start of the program. Completed applications received after this date will be reviewed based on seat availability.

Career Prospects: Plumbers, steamfitters/pipefitters, gasfitters, and sprinkler fitters can find employment in the maintenance departments of factories, plants and other similar establishments. They can also find work with pipefitting and sprinkler system contractors, or become self-employed in the industry.

Affiliations/Partnerships: Skilled Trades BC, Trades Program Advisory Committees

Location: Dawson Creek

Additional Requirements/Supplies: (fees, supplies, materials)
Textbooks

Safety wear such as gloves, hard hats, and coveralls, footwear having CSA safety-toe protection and CSA safety glasses with clear lenses.

Students are required to have a computer (PC or laptop) with minimum computer requirements as listed on the NLC website (www.nlc.bc.ca/Services/Information-Technology/minPC).

Eligibility for Canada Student Loans: (Yes or No)

Yes

Required Minimum Grade: (overall and/or minimum within a course)

70%

Residency Requirement: (percentage of courses which must be taken at NLC)

100%

Required Courses: (list courses required to complete credential)

PIPF 150 Piping Trades Foundation Training (480 hours)

PIPF 160 Piping Trades Foundation Practicum (60 hours)