

Full Time 2025 – 2026

BRIEF DESCRIPTION: Pre-Employment Pipe Trades opens the door to a variety of trades, including Gasfitter, Plumber, Sprinkler Systems Installer, and Steamfitter-Pipefitter. The program will give you the skills and theory you need to succeed when you write the Alberta Apprenticeship and Industry Training theory and practical exams. Plumber's plan, install, and service plumbing systems, fixtures, piping equipment and controls. Steamfitter-Pipefitters lay out, assemble, fabricate, maintain, and repair piping systems which carry water, steam, chemicals, or fuel used in heating, cooling, lubricating, and other processes. Sprinkler Systems Installers fabricate, install, test, maintain, inspect, and repair sprinkler systems in a variety of settings. Gasfitters size, install, test, adjust, and service natural gas and propane equipment ranging from residential furnaces to industrial boilers. This trade participates in Red Seal Programs: Steamfitter-Pipefitter, Gasfitter, Plumber, and Sprinkler Systems Installer. For detailed information on these apprenticeship trades see: <https://tradesecrets.alberta.ca/trades-occupations/>

PROGRAM OF STUDY:

PISC0100	Industrial Safety Certification (3)
WPCM0100	Workplace Communication (1)
PTRC0100	Employment Practicum (2)
PTPS0110	Section 1: Workplace Safety and Rigging (2)
PTPT0120	Section 2: Tools, Equipment and Materials (9)
PTPM0130	Section 3: Metal Fabrication (5)
PTPD0140	Section 4: Drawings and Specifications (3)
PTPC0150	Section 5: Calculations and Science (5)

TRANSFERABILITY: Students must achieve a minimum of 65% cumulative weighted average for the program's courses with no course below 50%, and a final exam mark 65% or higher in order to achieve successful completion for AIT's standards. Please note: If you choose to challenge your AIT exam you must receive a 70% passing mark on the exam to successfully pass that period of training.

PROGRAM DELIVERY: Traditional classroom setting with shop and lab demonstrations. Work-integrated learning is a new component of this program.

ADMISSION REQUIREMENTS: Minimum Requirements: English 20-2, Math 20-3, Science 10; or a passing mark in all five Canadian General Educational Development (GED) tests; or a passing mark on Alberta Industry and Training's Entrance Exam, or a passing mark in the Canadian Adult Education Certificate (CAEC).

Recommended Path: Alberta High School Diploma with:

- English 30-2
- Math 30-2
- Physics 30 or Chemistry 30 or Biology 30 or Science 30

NOTE: Pre-Employment students are NOT required to be registered with Apprenticeship and Industry Training (AIT).

COST ESTIMATES: **Note: All fees are subject to change.**

Tuition	\$5,280.00
Materials	\$ 720.00
Technology Fee	\$ 360.00
Textbooks (mandatory-includes GST)	\$ 452.07
Student Association Fee	\$ 405.00
TOTAL ESTIMATED COST:	\$7,217.07

ADDITIONAL FEES: Students are responsible for registering and paying the fee to challenge the first-year trades exam. The estimated cost for the Theory Exam is \$150.00.

OFFERING LOCATION and DATES:

Wabasca February 9, 2026 – May 29, 2026

APPLICATION PROCESS:

- **APPLICATION:** Complete and submit the Northern Lakes College application available online on the college website at www.northernlakescollege.ca.
- **TRANSCRIPTS:** Provide official high school and/or post-secondary transcripts. These must be forwarded directly to Northern Lakes College, Admissions Services, from the granting institution (there may be a charge for this). Applicants applying through Apply Alberta may have transcripts submitted directly from participating institutions at no charge. When transcripts are received at NLC, they are reviewed to determine if the academic requirements for admission to the program are met.
- **APPRENTICESHIP EXAM:** Applicants needing to meet admission requirements must call the Alberta Apprenticeship & Industry Training office nearest to their location to make arrangements for writing the Apprenticeship Entrance Exam. 1-800-248-4823
- **ACCEPTANCE:** Applicants who meet the requirements will be accepted and offered a space in the next available offering of the program. In some cases, the spaces at a specific location may be full and accepted applicants will be placed on a waitlist. These applicants will be accepted in the order of “first qualified, first served.” Applicants will receive a letter informing them of their acceptance status.
- **FUNDING:** Applicants are encouraged to check on funding options early (minimum of 2 months prior to program start date). AIT offices or NLC counsellors can assist with identifying funding options and applying for sponsorship of fees and living costs.
- **REGISTRATION:** Before the start date of the program, accepted applicants will receive information about registration dates, times, locations and other information to assist them by email – please ensure we have an accurate email address for you.

CONTACT INFORMATION:

For any assistance, questions or concerns, the following college staff are available toll-free 1-866-652-3456

Program Administrator: **Trades and Resource Technology 1-780-843-8365**

email: tradesaccount@northernlakescollege.ca

Questions about program content, employment opportunities for the program

Other Inquiries: **Admissions Services 1-866-652-3456**

email: admissions@northernlakescollege.ca

Including General inquiries about College services & programs, student housing, library, facilities