

Full time 2025 – 2026

PROGRAM LENGTH: Full-time – 3 weeks; 1 week on 1 week off. TOTAL of 200 hours

BRIEF DESCRIPTION: The 4th Class Power Engineering Lab Certification program is approved by the Alberta Boiler Safety Association to meet the firing time requirement for 4th Class Power Engineer certification. This program is available at the Northern Lakes College Shell Canada Power Engineering and Technology Centre in Peace River, Alberta. Power Engineering certification starts at 4th Class level and progresses to 1st Class level. Training and experience requirements to write provincial exams differ for each class of ticket. To determine the requirements, consult the Power Engineers Regulations of the Alberta Safety Codes Act. Once provincial exams are successfully completed, the certification is recognized across Canada.

EMPLOYMENT OPPORTUNITIES: Graduates operate boilers and associated equipment at large-scale industrial facilities. In the local region, these include mills and waste treatment plants. Outside the region, they also include power plants, refineries, breweries, large gas plants, and steam-assisted heavy oil recovery projects.

FURTHER EDUCATION: Power Engineering Certification can start at the 5th or 4th Class level and progress up to the 1st Class level. Training and experience requirements to write provincial exams differ for each class level. To determine requirements, consult the Engineers' Regulations of the Alberta Safety Codes Act or visit www.absa.ca

PROGRAM OF STUDY:

- PLAB0201 – PE Lab – 4th Cert 1
- PLAB0202 – PE Lab – 4th Cert 2
- PLAB0203 – PE Lab – 4th Cert 3
- PLAB0204 – PE Lab – 4th Cert 4

PROGRAM DELIVERY: Face-to-Face. The instructor and students are interacting at the same time, at the same physical location. The maximum number of seats in each lab is 6. This lab is located in Peace River, Alberta. The student sets up enrollment in the course offerings in consultation with the program area. Courses can no longer be split up. Students will need to enroll in all 4 courses at once.

ADMISSION REQUIREMENTS: Successful completion of 4th Class Power Engineer Parts A theory courses. There is currently no time frame within which steam time must be completed after theory courses are done. If students have already completed Alberta Boiler Safety Association certification exams, steam time must be completed within 7 years.

OTHER REQUIREMENTS: Students are responsible for providing program completion documentation to the Alberta Boiler Safety Association for 4th Class certification purposes.

*Out-of-province students: Please check with your local boiler association to confirm that this program meets its steam (firing) time requirements.

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

	Tuition	LRF Rate	Total
PLAB0201 PE Lab – 4 th Cert 1	\$ 1,138.00	\$ 120.00	\$ 1,258.00
PLAB0202 PE Lab – 4 th Cert 2	\$ 1,138.00	\$ 120.00	\$ 1,258.00
PLAB0203 PE Lab – 4 th Cert 3	\$ 2,176.00	\$ 240.00	\$ 2,516.00
PLAB0204 PE Lab – 4 th Cert 4	<u>\$ 1,138.00</u>	<u>\$ 120.00</u>	<u>\$ 1,258.00</u>
TOTAL ESTIMATED COSTS:	\$ 5,690.00	\$ 600.00	\$ 6,290.00

PROGRAM OFFERINGS: Power Engineering 4th Class Lab Certification is offered full-time 2 times per year. The program is structured to allow either consecutive or fragmented completion of courses but must be completed within 1 year. Students must take PLAB0201 first.

***NOTE: MINIMUM of 3 students and MAXIMUM of 6 students per class.**

OFFERING DATES and LOCATION: Peace River **Offering 1: September 17, 2025 – October 20, 2025**
Offering 2: March 4, 2026 – April 6, 2026

DEADLINES: **Tuition payment deadline:** 7 business days prior to the start date. (payment is required to start your course)

APPLICATION PROCESS:

- **APPLICATION:** Applications can be submitted through Northern Lakes College website at www.northernlakescollege.ca select **Apply Now** from the Northern Lakes College website menu (<https://www.northernlakescollege.ca/apply-now/program-applications>)
- **TRANSCRIPTS:** Provide an official post-secondary transcript. This must be forwarded directly to Northern Lakes College, Admissions Services, from the granting institution (there may be a charge for this). If the high school is in Alberta, the College may be able to obtain marks directly from Alberta Education. When transcripts are received at NLC, they are reviewed to determine if the academic requirements for admission to the program are met.
- **ACCEPTANCE:** Applicants who meet the academic requirements will be accepted and offered a space in the preferred offering of the program. Applicants will receive a letter informing them of their acceptance status with fee information, and providing information about the program and the power engineering field. Applicants are encouraged to contact the Resource Technology Team (contact information below) if they have questions or require clarification about the information provided.
- **FOLLOW-UP:** Applicants who meet the academic requirements will be required to have a follow-up call with a Program Administrator in the Resource Technology Department to discuss program details, verify student details, course selection etc. Applicant is enrolled in selected course once follow-up call is completed.
- **REGISTRATION:** Accepted applicants are also required to submit **full payment at least 7 business days prior to the scheduled offering date** (as specified in the Acceptance letter). If payment is not submitted by this date, the application will be closed and the applicant will need to contact Admissions to re-apply for the next available offering.
- **FUNDING:** Applicants for the full-time program are encouraged to check on funding options early (minimum of 3 months prior to program start date) and are responsible for forwarding any sponsorship letters to Admissions as soon as possible. Counsellors can assist with identifying funding options and applying for sponsorship of fees and living costs. Specific awards related to this program include: CNRL, Dual Credit Bursary, and Success in Skills Canada Scholarship. Please visit the NLC website scholarships and awards page to learn more. <https://www.northernlakescollege.ca/prospective-students/financial-aid-scholarships-funding/scholarships-awards> Financial Aid, Scholarships and Funding page to learn more.

CONTACT INFORMATION:

For any assistance, questions or concerns, the following college staff is available:

Program Administrator: **Trades and Resource Technology 1-780-843-8365**
email: power_eng@northernlakescollege.ca
Questions about program content and employment opportunities for the program.

Other Inquiries: **Admissions Services 1-866-652-3456**
email: admissions@northernlakescollege.ca
Including student housing, library, facilities and general program information