

Full time 2023 – 2024

PROGRAM LENGTH: Full-time – 5 weeks total to complete all courses (maximum one year to complete program)

BRIEF DESCRIPTION: The 4th Class Power Engineering Certification Lab Program is 5 weeks of hands-on training. This program is approved by the Alberta Boiler Safety Association (ABSA) as meeting the firing time requirement for 4th Class Power Engineer certification. This program has built-in flexibility for our students; the courses may either be taken consecutively or over 2 or more different course offerings.

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. Full time and Part time funding eligible offerings are offered once per year for applicants applying for student loan funding which requires a specific end date.

Full time and Part time funding eligible offerings requires students to complete the courses (listed above) Sequentially with a two week break between each. The Part time continuous program, provides students with monthly start dates and a more leisurely pace if they are employed or have other commitments. See offering dates below for specific dates

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: The 5-week program is offered face-to-face in the Northern Lakes College Shell Canada Power Engineering & Technology Centre in Peace River, Alberta. Program work is completed mostly in the lab, with brief periods of classroom time.

ADMISSION REQUIREMENTS: Successful completion 4th Class Power Engineer Parts A&B theory courses in an ABSA-approved program. Applications will be accepted up to 4 weeks prior to the offering start date.

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

	Tuition	LRF Rate	Technology Fee	Total
PE Lab – 4 th Cert 1	\$1,138.00	\$ 120.00	\$65.00	\$1,258.00
PE Lab – 4 th Cert 2	\$1,138.00	\$ 120.00	Flat Fee	\$1,258.00
PE Lab – 4 th Cert 3	\$2,176.00	\$ 240.00	---	\$2,516.00
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	\$65.00	\$6,355.00

PROGRAM OFFERINGS: Power Engineering 4th Class Lab Certification is offered full-time 4 times per year. The program is structured to allow either consecutive or fragmented completion of courses but must be completed within 1 yr. Students must take PLAB0201 first, before any of the other courses (which can be taken in any order) are attempted.

***NOTE: MINIMUM of 4 students and MAXIMUM of 10 students per class.**

OFFERING DATES: Peace River Offering 1: September 11 – October 13, 2023 CANCELLED
Offering 2: January 7 – February 9, 2024

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 or by entering <https://www.northernlakescollege.ca/apply-now/program-applications> into a browser.
- **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/payment at least 2 weeks 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