

Part and Full Time 2025 - 2026

PROGRAM LENGTH: **Full-time** 8 months continuous study - **OR** - **Part-time** 4 months to complete each course
 (Online access for maximum 24 months)

****Full-time** is for student-loan funded students requiring a specific program start and end date.

BRIEF DESCRIPTION: This program prepares students to write the Alberta Boiler Safety Association (ABSA) 3rd Class Power Engineer's Certification of Competency examinations. Power Engineering is an ABSA-accredited certification governing the operation and maintenance of boilers and associated equipment in heating plants and other industrial settings. Power Engineering certification starts at the 4th Class level and progresses to the 1st Class level. Training and experience requirements to write provincial exams differ for each class of ticket. To determine the requirements, consult the Engineers Regulations of the Alberta Safety Codes Act. Once provincial exams are successfully completed, the certification is recognized across Canada.

EMPLOYMENT OPPORTUNITIES: Third Class Power Engineers may find employment in electrical generating plants, pulp mills, oil and gas plants, food processing plants, hospitals, breweries, office buildings, heating plants, and chemical plants.

PROGRAM OF STUDY:

PWEN0301 Power Engineering 3rd Class A1
 PWEN0302 Power Engineering 3rd Class A2
 PWEN0311 Power Engineering 3rd Class B1
 PWEN0312 Power Engineering 3rd Class B2

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

PROGRAM DELIVERY: NLC Anytime, Anywhere. Classes are unscheduled, where students log in to a program (D2L) at any time to complete their work.

Once the student has completed and passed this program, it is the student's responsibility to:

- 1) Apply for and pass the A1, A2, B1 and B2 provincial exams administered by the Alberta Boiler Safety Association (ABSA).
- 2) Seek and complete the required hours of approved operating experience as outlined in the Engineers Regulations of the Alberta Safety Codes Act.

Access to a high-speed internet connected computer with speakers or headset and microphone is required.

ADMISSION REQUIREMENTS:

- Valid 4th Class Power Engineering Certificate of Competency from ABSA (Alberta Boilers & Safety Association) or equivalent.
- Applications for all listed offerings are accepted up to **4 weeks prior to the offering start date**

COST ESTIMATES (per course): **Note: All fees are subject to change.**

	Tuition	SA	Technology	Total
Power Engineering 3 rd Class A1	\$ 704.00	\$ 108.00	\$ 96.00	\$ 908.00
Power Engineering 3 rd Class A2	\$ 704.00	\$ 108.00	\$ 96.00	\$ 908.00
Power Engineering 3 rd Class B1	\$ 704.00	\$ 108.00	\$ 96.00	\$ 908.00
Power Engineering 3 rd Class B2	\$ 704.00	\$ 108.00	\$ 96.00	\$ 908.00
TOTAL ESTIMATED COSTS:	\$2,816.00	\$ 432.00	\$ 384.00	\$3,632.00

PROGRAM OFFERINGS:

OFFERING DATES:

Full-time: Sept 2, 2025 – May 13, 2026

Part-time: July 1, 2025 - June 30, 2026

DEADLINES: Applications for Part-Time studies are accepted on a continual basis. Part-time Enrollment deadline is the 10th of the previous month to start on the 1st of the month. For example, if you would like your course to start on June 1, your enrollment request must be submitted to the program area by May 10. Applications for full-time, funded studies will be accepted up to the program start date.

APPLICATION PROCESS:

- **APPLICATION:** Complete and submit the Northern Lakes College application form online at www.northernlakescollege.ca. Applications can also be submitted through www.applyalberta.ca and by selecting Northern Lakes College.
- **TRANSCRIPTS:** Forward a copy of your **4th Class Power Engineering Certificate of Competency** (or your ABSA file number) to Northern Lakes College, Admissions Services. Once received at NLC, this will be reviewed for meeting the requirements for admission to the program.
- **ACADEMIC SKILLS APPRAISAL:** If transcripts are not available or do not show the academic requirements, applicants may complete a skills appraisal test. The College uses ACCUPLACER for the entrance requirements. If testing is required, the applicant will be informed and arrangements must be made for writing the test. Although every effort will be made to set up the testing at a location and time most convenient for the applicant, it may be necessary to travel to a college campus for this.
- **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 required to submit full payment/payment arrangements 3 weeks prior to the scheduled offering start date. 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 General inquiries about College services & programs, student housing, library, facilities