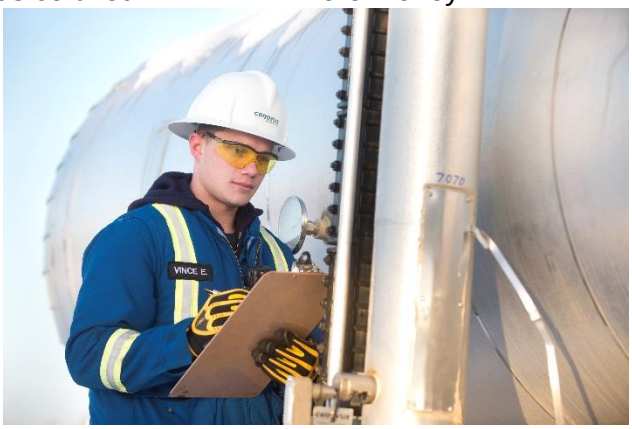
Information about Dual Credit
4th Class Power Engineering
From Northern Lakes College

Why take dual credit Power Engineering 4th Class (PE4)?

1. Earn up to 25 high school credits toward their high school diploma plus credits toward the Power Engineering 4th Class certificate from Northern Lakes College. Students have the potential to earn an additional 10 to 25 high school credits in work experience through a summer internship or job placement.
2. Save money. Some costs may be covered by your high school. Check with your school to determine if they cover any expenses.
3. Determine if Power Engineering is a career that you want to pursue.
4. Improve your chances of getting employment plus certified PE4's earn more money.
5. Qualify for a $500 tuition bursary. Dual credit students who successfully complete qualify for a tuition bursary if they continue their post-secondary education with Northern Lakes College.



Location:

The program is available at any school with a high-speed internet connection. It is recommended that students use a computer or laptop for accessing our online asynchronous learning platforms. Study anywhere, anytime online!

What is Asynchronous Learning?

The theory portion of this course is offered asynchronously. This term means that instruction and learning do not occur at a specific time or place. Instead, instructions and learning are provided through pre-recorded video lessons, learning tasks, reference materials, testing as well as other sourced materials.

This does not however mean the student learns on their own, as an instructor is on hand to facilitate any questions the students may have through a variety of instructional interactions, including email exchanges, online discussion boards, and course-management systems that allow for live interactions with virtual whiteboards and presentation capabilities.

Qualified instructors are available throughout the program and typically offer support via telephone, email and video-conferencing within scheduled office time, where students can learn or discuss topics related to the program.

Date/time:

1. Sept 28, 2022 to June 1, 2023.
2. The deadline for applications is July 26, 2022.

Prerequisites:

Successfully completed Math 10C and completed or co-enrolled in English 20-2.

Program Overview:

- Program content and expectations are set by Alberta Boiler Safety Association (ABSA) and dual credit students are required to meet the same expectations as the adult students in the program.
- The Dual Credit Power Engineering 4th Class program requires a major commitment on behalf of the student, the parent, the high school, and the College. The program is intensive; be sure you are ready to commit before applying.
- Students must be motivated, self-directed learners, as they must work through the content on their own.

Program Details:

1. Students are expected to adhere to the schedule provided by the College.
2. Summer internships (job placements) for meeting steam time requirements may be available to dual credit students. Internships are established through the school in partnership with industry or with Careers: The Next Generation.
3. Students that successfully complete Part A & B theory portions of the program will meet the admission requirements for the 4th Class Power Engineering Lab Certification (5 weeks) which provides students with the required 200 hours of steam time needed for certification. The lab is not part of the dual credit program and would have to be paid for by the student. Northern Lakes College is proud to offer a 4th Class Power Engineering Lab Certification at the NLC Shell Canada Power Engineering & Technology Centre in Peace River. The cost is approximately $6000.
4. For more information about the Northern Lakes College Dual Credit Power Engineering 4th Class program, you may check out the College website https://www.northernlakescollege.ca/prospective-students/dual-credit.

Certification Requirements for Power Engineers

1. Successfully complete the theory portion at a post-secondary institution.
2. Successfully complete regulatory certification exams, through ABSA.
3. Successfully complete the necessary steam time in a steam lab or at a worksite.

For more information about certification criteria, check out the Alberta Boilers Safety Association website; https://www.absa.ca/examination-and-certification/power-engineers/1st-class-5th-class-pe/ .

Students, along with parents, may request an orientation/information session prior to beginning the program. Please contact Ken M^{c}Ken - Chair, Trades & Resource Technology to make your appointment. McKenK@northernlakescollege.ca

For more information about a career as a Power Engineering 4th Class, check out the Alberta Learning Information Service website at www.alis.alberta.ca. You will find information on Power Engineering and other careers under the 'information on occupations' tab.