



Information about the Dual Credit Industrial Mechanic (Millwright) Program Northern Lakes College

Why take dual credit Industrial Mechanic (Millwright)?

- ✓ Earn 13 CTS credits toward their high school diploma.
- ✓ Upon successful completion of all NLC courses, students are eligible to challenge the 1st Period Industrial Mechanic (Millwright) Apprenticeship exam from Apprenticeship & Industry Training (AIT). With successful completion of the written/practical exams required by AIT, you will have finished the technical training of a 1st Period Industrial Mechanic (Millwright) apprentice.
- ✓ At this point you will be a registered apprentice, and will receive your “BLUE BOOK”, to keep a record of your achievements and progression through the full apprenticeship- this document is transferrable between employers.
- ✓ Improves your chances of getting employment after high school in the trade.
- ✓ Save money. Some costs may be covered by your high school. Check with your school to determine if they cover any expenses.



Dates and Locations

| Dates Available | | | Application Deadline | Location Available | Notes |
|-----------------|--------------|--------------|----------------------|--------------------|-------------------------------|
| Term | Start Date | End Date | | | |
| 1 | Sept 6, 2022 | Nov 25, 2022 | July 1, 2022 | High Prairie | All Day Classes (9 am – 4 pm) |
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Prerequisites:

1. Minimum of English 20-2 AND Math 20-3 AND Science 10 AND HCS3000.
2. Recommend students have English 30-2, Math 30-3, Science 30 or Physics 30 or Chemistry 30.
3. Prior experience or exposure to the industrial mechanic trade would be an asset.
4. Being in the Registered Apprenticeship Program (RAP) is preferred.

Program Overview:

- The Industrial Mechanic trade is a highly qualified industry requiring personal dedication and perseverance. Attention to detail and mathematical calculations are an integral part of a successful career as an Industrial Mechanic.
 - Students are advised to develop a daily routine that enables them to complete assignments on time and attend classes to improve their skill level and successfully complete (pass). A qualified instructor will be on-site to supervise and mentor throughout the program.
- It is very important to know:
 - Steady, consistent and full participation is the key to your success.
 - Coming to school prepared. Being prepared means that you are on time, have your homework completed, bring/ wear the proper safety attire in the shop, and are ready to fully participate in the classroom and lab.
 - NLC program requirements have strict guidelines to ensure students are successful and safe in the program. All provincial health authority and NLC Relaunch guidelines regarding COVID-19 shall be strictly followed. Attending experiential lab sessions is mandatory, but exceptions are acceptable due to illness or crisis. The Instructor will review absences over one day, and all attempts will be made for alternative arrangements to cover missed classes. Excessive absences or unacceptable behaviour may lead to dismissal.



Program Details:

- Students will follow the schedule as laid out by the College while in the program.
- Dual credit students may be in class with adult Pre-Employment or Apprenticeship students.
- When in the shop, students must have CSA approved above the ankle steel-toed boots, appropriate cotton work shirts and full-length work pants that are in good condition and can go over the boots. Spandex or nylon material is NOT permitted.
- Students are required to wear all mandated Personal Protective Equipment (PPE) as per NLC OH&S Guidelines during the experiential lab sessions.
- Students are encouraged to apply early as the classes can fill up before the application deadline.
- If you are a RAP student, please include that information when you apply.
- Students and parents may request an orientation/information session before beginning the program. Please contact Ken McKen- Chair, Trades & Resource Technology to make your appointment. McKenK@northernlakescollege.ca

For more information about a career as an Industrial Mechanic (Millwright), check out the following websites:

alis.alberta.ca

tradesecrets.alberta.ca