

PRE-EMPLOYMENT HEAVY EQUIPMENT TECHNICIAN



Blended



Face-to-Face

Are you interested in working with big machines? Heavy equipment technicians maintain, repair, and overhaul heavy vehicles and industrial equipment. They work for specialized repair shops and organizations that own or lease heavy equipment used in construction, mining, forestry, materials handling, landscaping, land clearing, agriculture, and transportation. Plus, Dual Credit students can earn up to 15 high school credits! Students must enrol in the full program, which includes full-day classes with mostly face-to-face instruction with some blended learning.

There are **four (4) Dual Credit seats** available in this program for each location. If demand warrants, schools or school divisions can contact Northern Lakes College to inquire about additional seats. For inquiries, email dualcredit@northernlakescollege.ca.

Term	Start Date	End Date	Location	Seats Available
1	September 9, 2025	December 19, 2025	High Prairie	4
2	January 5, 2026	April 24, 2026	La Crete	4
3	February 9, 2026	May 29, 2026	Slave Lake	4



Instructional and Material Fees

Course	Mode of Delivery	PSC	HSC
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Pre-requisites: English 20-2, Math 20-3, and Science 10. If students do not meet these pre-requisites, they may take the AIT entrance exam. Northern Lakes College must receive a passing results letter at least two weeks before the program starts for admission.

HESA0115: Section 1 – Standard & Specific Workplace Safety		3	
HESW0125: Section 2 – Suspensions, Wheels, and Systems		5	
HEHB0135: Section 3 – Hydraulics 1 and Brake Systems		5	15 HEA 3400, 3405, 3410, 3415, 3420, 3425, 3430, 3435, 3440, 3445, 3450, 3455, 3460, 3465, 3900
HEEE0145: Section 4 – Electrical 1 and Electronics 1		5	
HEAB0155: Section 5 – Air Brakes		4	
HEPL0100: Lab/Practical		2	
PISC0100: Industrial Safety and Certification		3	0
WPCM0100: Workplace Communication		1	0
EPRC0100: Employment Practicum Minimum 60-hour work placement with a heavy equipment/mechanic shop		2	0