

Heavy Equipment Technician Apprenticeship



Do what you love... Love what you do... Do what you love... Love what you do... Do what you love... Love what you do... Do what you love...

OVERHAUL YOUR CAREER!

A Heavy Equipment Technician apprenticeship may be for you, if you are an individual who likes a technically challenging career working with large off-road machinery, trucks and buses or other heavy industrial machinery.

About the Apprenticeship

Apprenticeship is a combination of on-the-job and technical training in an earning-while-learning arrangement that leads to certification as a journeyman certificate in a recognized trade. The apprenticeship programs at Olds College are under the administration of Alberta Apprenticeship and Industry Training.

Apprentices work under a qualified tradesman becoming familiar with the principles, skills, tools and the materials of a trade. Depending on the trade, the term of apprenticeship varies from two to four years. Olds College provides technical training for four year trades. During this time, apprentices are indentured (under contract) to an employer(s) who agree to provide opportunities for them to work and gain experience in the trade, and allow them to attend in-school technical training.

Apprentices are usually paid an hourly wage, which increases according to their time and experience in the trade. Rate of pay is based on a specific percentage of the prevailing journeyman's wage in their shop.

Registered apprentices receive notification listing the dates for technical training sessions at Olds College, which involves training for their specific trade from Alberta Apprenticeship and Industry Training. Olds College typically has two intakes of apprentices in any academic year: fall and winter. Apprentices are encouraged to register by calling Olds College as soon as they receive their notification in early May to ensure a seat, as spaces are allocated on first come, first served basis.

Visit Our Campus!

Discovery Day -October

Program Preview Days-
November, January, February and March

Open House - April



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Program Description

First Period Training Topics Include:

Safety, tools, material and equipment, Oxy-Fuel cutting, truck and trailer suspension and steering, hydraulic and air brake systems, basic electrical, basic electronics, hydraulics, truck trailer systems and introduction to vehicle inspection.

Second Period Training Topics Include:

Engine fundamentals, service and repair, diesel fuel injection, electronic diesel engine fuel management, and heavy duty charging and cranking systems.

Third Period Off-Road Training Topics Include:

Off road machinery, diagnostics, advanced hydraulics, steering and suspension specific to off-road, power trains specific to off-road, off road accessories and attachments, and electrical & electronic diagnostics.

Fourth Period On-Road Training Topics Include:

On-road, power steering systems, truck and transport power train, air conditioning, antilock braking systems, and a vehicle electrical and electronic diagnostics and failure analysis.

Career Opportunities

Excellent jobs and career opportunities are available now for trained Heavy Equipment Technician Apprentices. You will enjoy a combination of on-the-job and technical training in an earn-while-you-learn environment.

Heavy Equipment Technicians may work in:

- Equipment dealer's service centres ➤
- Resource company shops ➤
- Trucking firms ➤
- Industrial plants ➤
- Municipal shops ➤

Heavy Equipment Technicians typically repair and overhaul engines, mechanical and power-shift transmissions, hydraulic and electrical systems on mobile and stationary equipment.

Admission Requirements

Applicants must have:

Applicants must have a minimum of Grade 11 or pass an entrance exam prepared and administered by the Apprenticeship and Industry Training Division of Alberta Learning.

Application Procedure

To enter an apprenticeship program and become an apprentice, registrants must be at least 16 years of age and have the educational qualifications for the specific trade.

Apprentices attending Olds College must be first indentured as apprentices in the Province of Alberta unless special circumstances exist.

All applications and inquiries regarding becoming an apprentice should be made to a Regional Service Centre of Alberta Apprenticeship and Industry Training. Prospective apprentices are encouraged to visit the Alberta Apprenticeship and Industry Training Web site www.tradesecrets.gov.ab.ca.



Olds College leads real-life, hands-on education in Canada. We help you explore your passion.



- Business
- Fashion
- Horticulture
- Animal Sciences
- Land & Environment
- Trades & Technology
- Agriculture



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Join us for campus visit days: www.oldscollege.ca/visit Give us a call: 403-507-7715 or 1-800-661-6537 Make an appointment for a campus tour
Email us: info@oldscollege.ca Visit our website: www.oldscollege.ca Write us: Student Recruitment, Olds College, 4500 - 50th Street, Olds, Alberta, Canada T4H1R6