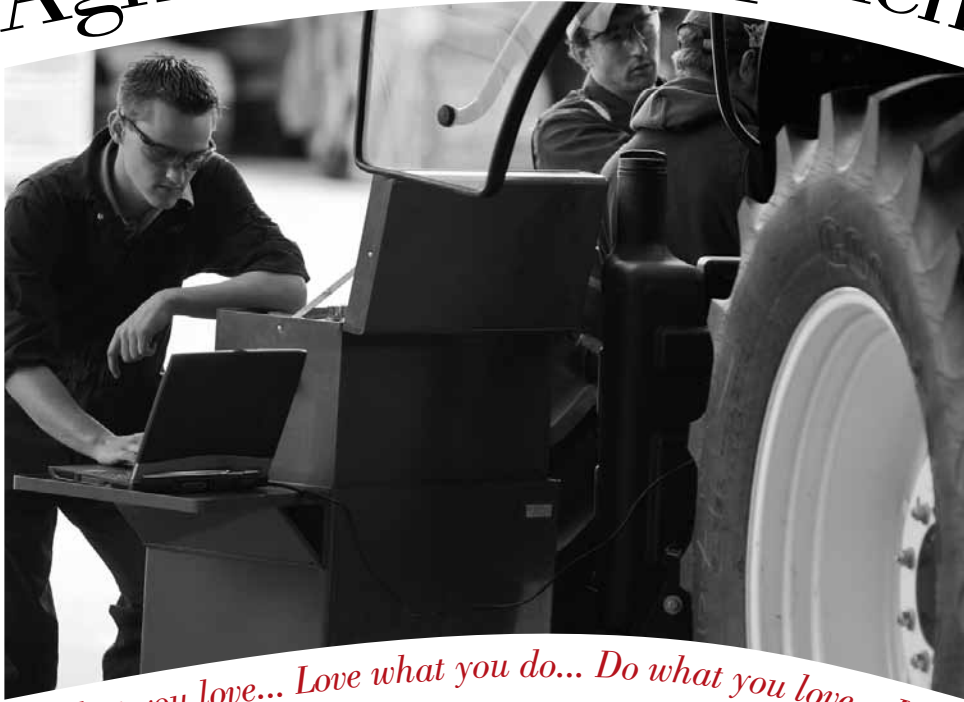


Agricultural Equipment Technician Apprenticeship



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...



EARN WHILE YOU LEARN!

An Agricultural Equipment Technician apprenticeship may be for you, if you like a technically challenging career working with machinery, and/or with computers, and enjoy a rural lifestyle assisting the industry that grows our food. You will enjoy a combination of on-the-job and technical training in an earn-while-you-learn environment.

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 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 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 apprentices to work and gain experience in the trade, and 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 provides 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 serve basis.

What people say about us...

"I feel that one of the biggest advantages of hiring mechanics who have taken their training at Olds College is that they come into the dealership with knowledge of current agricultural products."

— Darryl Gilbert



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Program Description

The Agricultural Equipment Technician Apprenticeship program is a four year program consisting of eight weeks each year.

Subject areas are listed below for each in-school technical training period which consists of four eight-week training periods, coinciding with years of work related experience.

First Period Training Topics Include:

Safety, tools and skills, materials, electrical welding and oxyfuel cutting, suspension and steering, basic electrical, basic hydraulics, and agricultural equipment.

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 Training Topics Include:

Spraying equipment, air conditioning, heating systems, agricultural equipment, seeding equipment, advanced power trains, braking systems, precision farming and preventative maintenance and failure analysis.

Fourth Period 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.



Career Opportunities

Agricultural Equipment Technicians may work in a dealer's service centre or may travel to farms to work on agricultural equipment. In addition, Agricultural Equipment Technicians typically repair and overhaul engines, mechanical and power-shift transmissions, hydraulic and electrical systems on tractors, tillage machinery, and harvesting equipment.

They also assemble and adjust new farm machinery and related equipment. Agricultural Equipment Technicians may specialize in specific areas including engine overhaul, hydraulics, electrical systems, power trains, fuel injection, or other related agricultural equipment.

Admission Requirements

Applicants must have:

Completion of Grade 12 and have a minimum of Alberta Pure or Applied Math 10, or pass an entrance examination administered by the Alberta Apprenticeship and Industry Training.

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.

What people say about us...

"All our service people have been through the Agricultural Mechanics Apprenticeship program at Olds College and we're real happy with them."

John Spencer

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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Email us: info@oldscollege.ca Visit our website: www.oldscollege.ca Write us: Student Recruitment, Olds College, 4500 - 50th Street, Olds, Alberta, Canada T4H1R6