

Forestry Equipment Maintenance

Technical Certificate

This certificate will prepare you to work in the forest industry by building basic skills to repair and maintain forestry equipment. You will gain basic knowledge of hydraulic, electrical, and mechanical components used with forestry equipment. You'll also learn the theory of fluid power, DC electricity, and CAN BUS control systems plus be introduced to diagnostics and repair of equipment components. You'll also become familiar with a workshop environment and have an opportunity to visit local forestry dealers and logging contractors. Upon completion of the certificate, you'll have the skills needed for entry-level positions in forestry working in dealer workshops and maintaining logging contractor equipment.

Program Outline

TERM 1		
Course #	Course Title	Credits
3046230100	Workshop Fundamentals Students will explore and perform forestry equipment maintenance.	1.00
3046230200	Forestry Equipment Welding and Cutting Students will explore and perform basic welding and cutting techniques on forestry equipment.	1.00
3046230300	Forestry Equipment Electronics Students will summarize electrical principles and perform electrical maintenance on forestry equipment including CAN Bus technology.	1.00
3046230400	Forestry Equipment Hydraulics Students will explore and perform hydraulic maintenance on forestry equipment.	1.00
Total Credits: 4.00		

Talk with a Success Coach about the program outline. Together, you will determine if credits you've already earned satisfy any requirements, discuss possible alternative courses, and choose the best classes if you're thinking of transferring.

At A Glance

How You'll Learn

Program Tuition*

\$745

*Total cost for degree completion is estimated by current course requirements, books, and supplies. Tuition and fees are set by the Wisconsin Technical College System and subject to change.

► [Potential Indirect Costs](#)

What You'll Learn

- Interpret hydraulic and electrical schematic drawings for forestry equipment systems
- Troubleshoot, diagnose, and repair systems on forestry equipment
- Perform general maintenance on forestry equipment

Median Annual Salary

\$46,763

\$52,850

\$53,792

Local

State

National

EMSI 2022.1