

POWERSPORTS AND SMALL ENGINE REPAIR TECHNOLOGY - INTERMEDIATE TECHNICAL CERTIFICATE (ITC)

Explore More About This Program: <https://cwi.edu/program/powersports-and-small-engine-repair-technology>

Certificate Quick Facts

- **Instructional School:** Industry, Engineering, and Trades
- **Department:** Powersports and Diesel Technology
- **Program Code:** PSER.ITC
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the [Special Course Fees](#) web page.

Certificate Requirements

Course	Course Title	Min Credits
Major Requirements		
PSER 105	Foundations of Safety and Tools	3
PSER 110	Dealership Operations	3
PSER 111	Basic Fuel Systems and Outdoor Power Equipment Maintenance	6
PSER 112	Outdoor Power Equipment Engines	3
PSER 125	Basic Electrical Systems	3
PSER 130	Drivetrain and Chassis Components	6
PSER 200	Powersports Maintenance and Light Repair	3
PSER 240	Engine Management and Advanced Fuel Systems	3
PSER 245	Advanced Electrical Systems and Diagnostics	3
PSER 250	Powersports Engines	3
PSER 255	Suspension Technology	3
PSER 260	Dynamometer and Performance Technology	3
PSER 295	Powersports Industry Practicum	6
Minimum Credit Hours Required		48

Certificate Plan: Fall Start

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this course sequence plan. Please register for each semester as shown using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this course sequence plan.

First Year

Fall		Credit Hours
First 4-Week Course Session		
PSER 105	Foundations of Safety and Tools	3
Second 4-Week Course Session		
PSER 110	Dealership Operations	3
Second 8-Week Course Session		
PSER 111	Basic Fuel Systems and Outdoor Power Equipment Maintenance	6
Total Semester Credit Hours		12
Spring		
First 4-Week Course Session		
PSER 112	Outdoor Power Equipment Engines	3
Second 4-Week Course Session		
PSER 125	Basic Electrical Systems	3
Second 8-Week Course Session		
PSER 130	Drivetrain and Chassis Components	6
Total Semester Credit Hours		12

Second Year

Fall

First 4-Week Course Session		
PSER 200	Powersports Maintenance and Light Repair	3
Second 4-Week Course Session		
PSER 240	Engine Management and Advanced Fuel Systems	3
Third 4-Week Course Session		
PSER 245	Advanced Electrical Systems and Diagnostics	3
Fourth 4-Week Course Session		
PSER 255	Suspension Technology	3
Total Semester Credit Hours		12

Spring

First 4-Week Course Session		
PSER 250	Powersports Engines	3
Second 4-Week Course Session		
PSER 260	Dynamometer and Performance Technology	3
Full 16-Week Course Session		
PSER 295	Powersports Industry Practicum ¹	6
Total Semester Credit Hours		12
Minimum Credit Hours Required		48

¹ PSER 295 Powersports Industry Practicum may also be completed during students' second fall semester if preferred.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate the appropriate mastery of knowledge and skills that are identified by the Program Task List to become a successful entry-level powersports and/or power equipment and/or related industries technician.
- Demonstrate the ability to identify, analyze, and solve technical problems associated with being an entry-level powersports and/or power equipment and/or related industries technician.
- Demonstrate knowledge and understanding of safety practices specifically related to Powersports and Small Engine Repair at CWI.
- Identify the different career opportunities available within the powersports and outdoor power equipment industries.
- Demonstrate the ability to effectively provide a high level of customer service within all aspects of the powersports and outdoor power equipment industries.
- Demonstrate proper work habits and ethics.
- Demonstrate the ability to communicate effectively.