

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 293 | Powersports and Power Equipment Internship | 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 Plan of Study Guide. 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 |
| Second 8-Week Course Session | | |
| PSER 293 | Powersports and Power Equipment Internship | 6 |
| Total Semester Credit Hours | | 12 |
| Minimum Credit Hours Required | | 48 |

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.