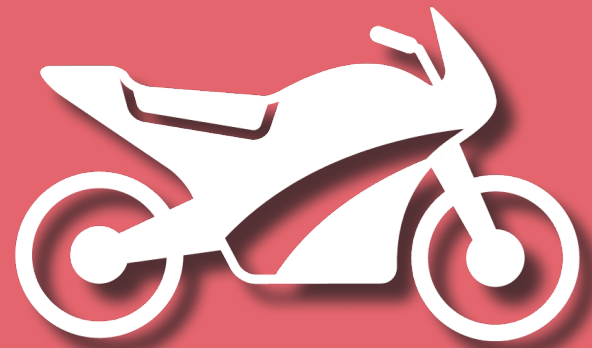


# OUTDOOR POWERSPORTS TECHNOLOGY

Let your passion for outdoor thrills and technology lead you to excellence

Start your adventure as a powersports pro. Master tools and equipment to support machines of all kinds. Fuel your future by immersing yourself in the diagnostics, troubleshooting and maintenance of powersports machines. Become a seasoned professional in pre-season and postseason care and storage. Find a smooth ride to success by understanding the mechanics behind the power.



## What You Can LEARN

### Units of Study

- Hand, Power and Stationary Tools and Equipment
- Pre and Post-Season Maintenance and Storage
- Precision Measuring Instruments
- 4-Stroke Cycle Engines: Principles of Operation, Maintenance and Repair
- 2-Stroke Cycle Engines: Principles of Operation, Maintenance and Repair
- Fuel Systems (Carburetors, Fuel Injection, Direct Injection)
- Electrical and Ignition Systems
- Exhaust Systems
- Cooling Systems
- Clutches and Brakes
- Trailer Service
- Service Writing



## What You Can EARN

### Available High School Academic Credits

*At district request, students may earn:*

- English

### Licensing/Industry-Based Certifications

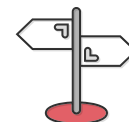
*Students have opportunities to earn:*

- Equipment Engine Training Council (EETC) 2-Stroke and 4-Stroke Engine Certification

### Work-Based Learning

*Organizations that support this program:*

- Brodner Equipment
- Bryce Marine
- Danny's Equipment
- Hollink Motorsports
- LandPro Equipment
- Precision Power Services Inc.
- Wehner Mower Inc.
- Roc-on
- Maddies Powersports
- Bently Bro's
- R&M Landscape



## Where You Can GO

### Career Opportunities

Minimal Requirement Beyond CTE

- Mechanic
- Heavy Duty Mechanic Assistant
- Motorcycle Technician
- Outdoor Power Equipment/ Small Engine Technician
- Marine Technician
- Maintenance Technician
- Generator Service Technician

Additional Education and/or Experience

- Equipment Salesperson
- Motorcycle Technician
- Parts Associate/Manager
- Service Writer/Advisor/Manager
- Research and Development
- Service Technical Representative
- Watercraft and Boat Designer

### Postsecondary Pathways

Articulation Agreements

- Motorcycle Mechanic School
- Ohio Technical's PowerSport Institute

Now You Can **KNOW**

The outdoor recreation industry in the Rochester region generates \$1.2 billion in economic output annually.



**Monroe 2-Orleans BOCES Career and Technical Education**

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