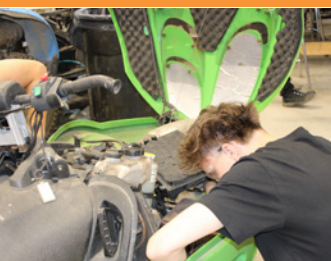


OUTDOOR POWERSPORTS TECHNOLOGY

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

Turn your passion for engines, speed and technology into a career with this rigorous, two-year, hands-on program that focuses on all aspects of the Powersports industry. Students will focus on the general theories of systems, and how to repair, rebuild, tune-up and troubleshoot Powersports vehicles. These engines can be found in equipment such as snowblowers, lawn mowers, rototillers, jet skis, snowmobiles, motorcycles, construction equipment and farm tractors. The curriculum exposes students to a wide range of job skills and employability experiences to jump-start their future in the industry.



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

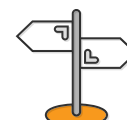
Licensing/Industry-Based Certifications

Students have opportunities to earn:

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

Work-Based Learning

- School-Based Learning
- Educational Tours
- Guest Speakers
- Career Fair
- Co-op
- Job Shadow



Where You Can GO

Career Opportunities

Minimal Requirement Beyond CTE

- Mechanic
- Motorcycle Technician
- Outdoor Power Equipment/ Small Engine Technician
- Marine Technician
- Maintenance Technician
- Powersports Technician
- Generator Service Technician

Additional Education and/or Experience

- Equipment Salesperson
- Parts Associate/Manager
- Service Writer/Advisor/Manager
- Research and Development
- Service Technical Representative

Postsecondary Pathways

Articulation Agreements

- Motorcycle Mechanics Institute
- Marine Mechanics 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

WEMOCO Career and Technical Education Center

3589 Big Ridge Road, Spencerport, NY 14559

(585) 352-2471 • www.monroe2boces.org/cte • @BOCES2CTE

