From recreational vehicles and equipment such as snowmobiles, jet skis and motorcycles, to lawn and garden equipment such as mowers and chain saws, small engines power many machines that make our lives easier and more enjoyable. *Recreational Power Equipment* is the study of “how and why” machinery operates along with the “whys” of machinery failure and the learning of “how to” diagnose the problems and make proper, efficient repairs. Students will be able to specialize in different areas of repairing and maintaining this equipment.

**What you will learn:**
- Internal combustion engines
- Engine troubleshooting/repair
- Power drives
- Transmissions
- Transaxles
- Auxiliary and Implement drives
- Hydraulic systems
- Electrical systems
- Maintenance and repair servicing of steering, braking, suspension, wheels and tires, frames and chassis, accessories and implements

**Uniform/equipment list:**
- Power and Transportation Cluster uniform shirt
- Safety glasses
- 1” binder and pencil
- Activity fee ($20)
- Work pants
- Work boots
- USB flash drive

**Certifications students can earn:**
- SP/2 Safety and Pollution Prevention
- EETC Technician (Equipment and Engine Training Council)
- Certified PA Safety Inspector

**Class of 2018 graduation plans:**
- 38% plan to continue their education in this field
- 38% will be working in this field
- 24% plan to work in another field