

POWER SPORTS TECHNOLOGY

A two-year program based on servicing power equipment and engines such as those found in lawn and garden equipment, motorcycles, all-terrain vehicles, boats, snowmobiles, and jet skis

- The program is aligned with two-stroke and four-stroke cycle engine theory and principles of operation, as well as maintenance.
- The classroom is a “live” shop, where students manage shop operations, including writing work orders, calculating parts margins and sales tax, preparing estimates, ordering parts, and completing repairs that may include welding and fabrication.
- Curriculum includes commencement level math and English language arts.
- All students are given the opportunity to participate in a Work-based Learning experience, which exposes them to the operation of a business and specific job duties related to careers in their CTE area. This internship is designed to connect the skills and knowledge learned in the CTE classroom with the real world requirements of a business.

Curriculum includes:

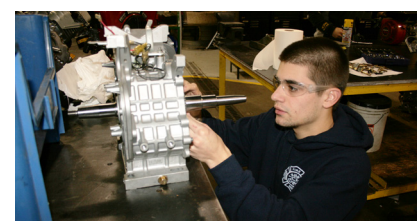
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| • Diagnostics | • Electronics |
| • Troubleshooting & Repair | • Governor systems |
| • Overhaul of internal combustion engines | • Safety and tools |
| • Components and parts relating to the engines | • Precision measurements |
| • Fuel systems | • Engine performance |
| • Cooling/lubrication | • Failure analysis |
| | • Customer service skills |
| | • Basic welding and fabrication |

Certifications & Endorsements

- Equipment and Engine Training Council (EETC) certification in four-stroke engines
- Industrial Lift Truck (OSHA Standard 1910.178)

Students completing the program successfully qualify to work as:

- Parts clerk
- Sales associate
- Industrial fork truck operator
- Set-up technician
- Parts manager
- Master technician
- Service manager
- Dealership owner



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