



# POWERSPORTS AT CAPE TECH

## ABOUT THE PROGRAM

Powersports is an instructional program that prepares students to troubleshoot, service and repair a variety of small internal-combustion engines, involving both two and four cycle engines used on portable power equipment. With a focus on safety, students work to become knowledgeable in the fundamental principles and technical skills related to troubleshooting, repairing, identifying parts and making precision measurements. Students will also be exposed to career opportunities within the Automotive Industry, specifically small engines. By the end of this program, students have an opportunity to take ASE aligned assessments towards NATEF certifications as well as YAMAHA Outboard System Certification. This program is affiliated with Yamaha Motorsports.

## STUDENTS WILL

- Develop skills in chassis, suspension and steering diagnosis and repair, wheel alignment diagnosis adjustment & repair, and advanced engine diagnostics of fuel and ignition management of related systems.
- Have the opportunity to learn and earn ASE/NATEF certifications.
- Utilize hands-on opportunities to include not only theory but also practical application and laboratory work.
- Receive hands-on experience with car lifts, power tools and other equipment in a state of the art automotive shop to mimic a mechanics work environment.
- Prepare for direct entry into the workforce or Automotive Technical School to further studies within the career cluster.
- Explore a wide range of job opportunities within the field of automotive through internships, field trips, and other interactions with industry professionals.

## CAREER PATHWAYS

OUTDOOR POWER EQUIPMENT MECHANIC // AUTOMOTIVE ENGINEER // MECHANICAL ENGINEER // WIND TURBINE SERVICE TECHNICIAN