



Marine & Motor Sports Technology

Equipment & Engine Training Council (EETC) Accredited School



MARINE TECHNICIANS who can service boat engines and operate marinas are in demand due to a growth in recreational boating on Long Island and nationally. This demand, along with the advances of marine propulsion, has created the need for competent and highly trained employees. While Marine Technology will be emphasized, this course will also teach students to make repairs and install engines, drivetrains, and control parts on landscape and industrial powered equipment.

Work Environment

Marine Technicians are generally employed in outside boatyards, marinas, engine repair facilities, as well as on fleet boats. Those seeking employment working with small engines are generally employed in small shops and work both indoors and outdoors.

Career Opportunities

Boat Transport
Boat Yard Maintenance
Business Owner
Marine Service Person
Salesperson
Shop Foreperson
Technician
Technical Representative

Advanced Standing Available*

Kingsborough Community College
New England Institute of Technology
SUNY Cobleskill
University Technical Institute

*Advanced Standing may be available to those who successfully complete this Tech course. See Articulation Agreements in Handbook.

Student Supplies

1. Long or short-sleeved navy coverall
2. Hard-soled, safety work shoes
3. Safety glasses or goggles will be supplied for use in class

Academic credits integrated:

Tech Math, Tech Phys Sci, Eng 12, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following national certification exam: National Occupational Competency Testing Institute (NOCTI) - Small Engine Technology Exam.

Average Annual Wage*

National entry-level to experienced:

\$27,800 - \$45,390

NY entry-level to experienced:

\$25,010 - \$43,900

For more information:

www.careerzone.ny.gov

*Salaries are subject to market fluctuations.

Course Outline

- Boat Yard Skills
- Transport and Handling
- Fuel Ignition and Drive Systems
- Inboard Technology
- Outboard Technology
- Marine Engine and Service Fundamentals
- Outboard and Inboard Engines
- Safety and Navigation
- Fiberglass Boat Repair
- Boat Trailer Service
- Electric and Auxiliary Systems
- Servicing, Rebuilding, and Maintenance of Small Engines
- Landscape Equipment Maintenance