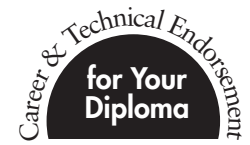




Marine Technology

accredited by the Equipment & Engine Training Council (EETC)



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

Employment Outlook

There is a strong demand for Marine Technologists and recreational vehicle technicians in the New York/Long Island area. The future demand for workers repairing snowmobiles, motorcycles, lawn and garden equipment and particularly marine craft is excellent as leisure time activities continue to grow.

Starting Salary: Salaries range from minimum wage up to \$20/hour, depending on individual abilities and aptitude.

Advanced Standing Available

Kingsborough Community College
New England Institute of Technology
SUNY Canton
SUNY Cobleskil
University Technical Institute

Advanced Standing may be available to those who successfully complete this Tech course. See Articulation Agreements on page 49.

Student Supplies (approx. \$75)

1. Long or short-sleeved coverall (dark blue, preferred)
2. Safety work shoes
3. Safety glasses or goggles will be supplied for use in class

Academic credits integrated:

- Technical Math
- Technical Science
- English 12

CTE Endorsement

In order to be granted the Technical Diploma endorsement, students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, including Career and Financial Management (CFM), and pass the following national certification exam: Equipment Engine Training Council (EETC) - 2 Cycle Engine Test and 4 Cycle Engine test (subject to change).

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

Consider these classes at Tech

- Aircraft Maintenance Technology
- Auto Body Repair
- Auto Maintenance*
- Auto Technology
- Building Trades*
- Carpentry
- Drafting/Computer Aided (CAD)
- Welding

All placements are based upon individual needs and approval from the district and parent/guardian.

*Smaller class size.