



MARINE MAINTENANCE AT CAPE TECH

NEW FOR 2024-2025

ABOUT THE PROGRAM

Marine Maintenance will utilize modern engine technology and test equipment to help enhance skills in the theory, maintenance, and troubleshooting of outboard and inboard marine engines. Students will develop a working knowledge of marine systems such as electrical, mechanical, cooling, fuel, boat design and construction, and trailer maintenance. Curriculum also includes safety, marina operations, and employability skills, boating safety, handling, seamanship, and basic navigation. The program has access to waterfront facilities, where students will operate and maintain vessels. This program is partnered with Yamaha Motor Sports as well as the Delaware River Bay Authority (DRBA). Upon satisfactory completion of this program, the student will gain 3 credentials within Yamaha Service Skills Training (Intro to Outboard Systems, Introduction to Jet Propulsion, and Maintenance Technician). This program will focus on paid and unpaid internship opportunities for students in their senior year with various partners within the county.

STUDENTS WILL

- Prepare for the world of work but also additional training facilities in the event they wish to extend their studies within the cluster.
- Participate in activities for this program in a state-of-the-art facility complete with mechanical shops, an upholstery shop and paint booth.
- Access waterfront facilities, where students will operate and maintain vessels.
- Attain a TWIC card and a Merchant Mariner Credential (MMC) for direct employment with the Cape May Lewes Ferry.
- Receive OSHA10 certification.
- Explore a wide range of job opportunities within the field through internships, field trips, and other interactions with professionals within the industry.

CAREER PATHWAYS

MARINE MECHANIC // MARINE TECHNICIAN // SEAMAN // WIPER // NIGHT VESSEL OPERATOR // DECKHAND // BOAT RIGGER // PARTS, SALES OR SERVICE MANAGER // DIESEL & GASOLINE ENGINE TECHNICIAN // COMMERCIAL DIVER // MOTORBOAT MECHANIC // SERVICE TECHNICIAN // MARINE UPHOLSTERERS // SHIP REPAIR & FABRICATION TECHNICIAN