

Marine Service Technology

(Hampton Campus) Course #8750/ 8751

Transportation, Distribution & Logistics Cluster
One Year Program



About the program:

In this introduction to service and repair of watercraft and marina operations, students learn marine trade skills in the areas including shop and boating safety, inboard and outboard systems, carpentry, electricity, and vessel storage/handling. The course is based on the National Marine Trades Curriculum, developed by the American Boat and Yacht Council (ABYC).

Topics of study:

- Boating Safety, Handling, & Basic Navigation Skills
- Boat Design & Construction
- Woodworking Skills
- Applying finishes
- Fiberglass Construction & Repair
- Maintaining & Repairing Inboard/Outboard Engine Systems
- Safe Vessel Transportation on Land
- Marine Operations & Yard Services

Requirements/Expectations:

- Minimum of a 1.5 GPA or above
- Demonstrate a high degree of manual & physical dexterity
- Read and interpret service manuals and publications
- Basic Water Safety
- Should know how to swim
- Work with chemicals & tolerate exposure to dust and/or odors
- Work in an atmosphere of loud noise & changes in temperature
- General math skills – measurements, conversions, ratios, addition, & subtraction
- Spatial awareness & the ability to multi-task

Certifications:

- American Boat & Yacht Council (ABYC) Exam
- Virginia Boater Education Certificate
- First Aid/CPR/AED
- OSHA 10 Certification

Career Pathways:

- Marine Rigger
- Marine Architect
- Marine Surveyor
- Insurance Appraisal/Loan Financing
- Marina & Boat Yard Operations
- Marine Sales or Parts
- Retail/Wholesale
- Marine Service Technician
- Deckhand/Dockhand