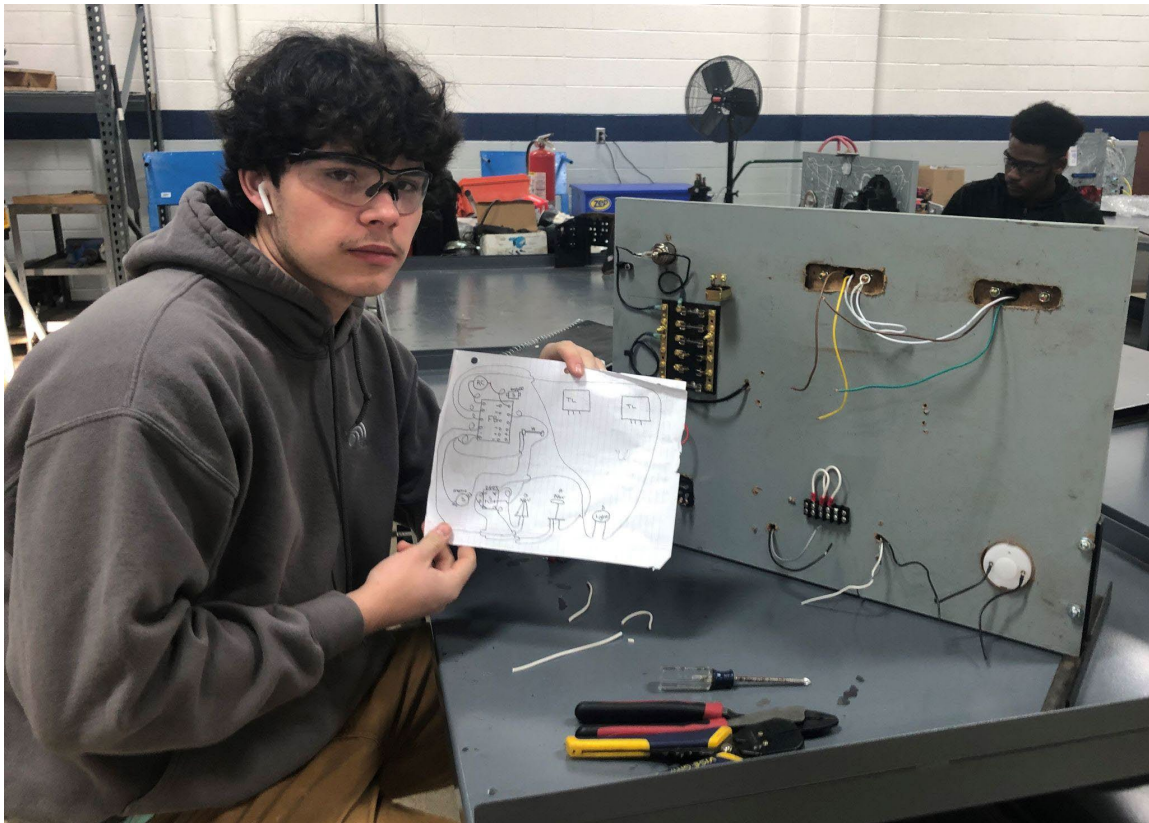


Marine Service Technology





Course Description: In this 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). Contextual information and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

Students Study:

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

Prerequisites:

- High degree of manual & physical dexterity
- Read & interpret service manuals & publications
- Basic water safety
- Work w/ chemicals & tolerate exposure to dust and/or odors
- Work in an atmosphere of loud noise & changes in temperature
- Math skills such as measurement, conversions, ratios, addition, & subtraction
- Spatial awareness & the ability to multi-task

Campus Location: Butler Farm Campus, Hampton

Sessions: AM & PM

Student Organization: SkillsUSA

Credentials: OSHA 10, First Aid/CPR, Virginia Boating Safety Course, & NOCTI - ABYC

Instructor: Craig Freeman craig.freeman@nhrec.org (757)766-1100 ext. 3346

Instructor Bio: Captain Craig Freeman

Capt. Freeman is a veteran teacher with 26 years of experience across the elementary, middle and high school levels. He has a unique approach that both engages and challenges students in all aspects of life. Capt. Freeman earned the 50 ton Masters endorsement from the USCG and holds a Virginia Teaching License. He owns and operates a Grading Scales Sportfishing, a

charter fishing operation. Capt. Freeman has built several boats over the years and is looking forward to sharing his knowledge and expertise with those in the Marine Technology Program.

Career Opportunities:

- Marine Service Technician
- Service Writer/Warranty
- Parts Manager
- Marine Rigger
- Marine Architect
- Marine Sales
- Marine Rigger

Partners:

- Legasea Marine
- Bass Pro Shops
- Tomahund Marine
- York River Yacht
- Oyster Cove Boats
- Safe Harbor

Resources: www.abycinc.org