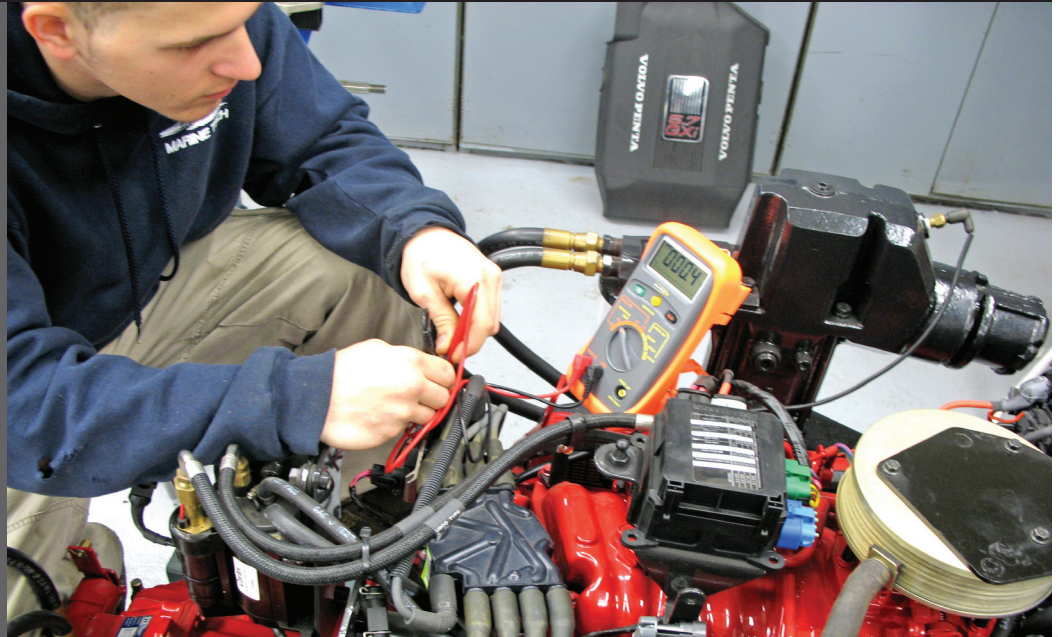


More horse- power to you!

Do boats, quads or motorcycles rev your engine? Consider becoming a marine or motorsports technician. In this booming field, technicians are needed in specialty shops, repair facilities, marinas and dealerships. Engine and vehicle systems theory, vehicle maintenance, performance modifications, as well as factory-supported training through Yamaha Motor Corporation are featured in this course. Dyno tune your motorcycle, quad or boat engine for maximum performance and beat the competition!



Advanced college/trade school credit is available to qualifying students from the following institutions:



COURSE TITLE: MARINE/MOTORSPORTS TECHNOLOGY

COURSE DESCRIPTION

Instruction will introduce and reinforce core knowledge in engine systems, drive systems, electrical and electronics systems, fuel systems, fabrication and engine machining. Students will learn how things are built, how they work and how to approach a repair. Students will have the opportunity to utilize our engine dynamometers to reinforce theory and prove performance modifications. Graduates will leave with the knowledge required to enter a broad array of the motorsports trades, including automotive, marine, motorcycle and heavy equipment. Take advantage of our highly successful work study program and gain hands-on industry experience with senior technicians while you're still in high school.

COURSE CONTENT

- | | |
|------------------------|----------------------------|
| Gasoline Engine Theory | Diesel Engine Theory |
| Troubleshooting | Cylinder Boring and Honing |
| Fuel Systems | Fuel Injection |
| Ignition Systems | Cooling Systems |
| Lubrication Systems | Electrical Systems |
| Charging Systems | Starting Systems |
| Valve Train Systems | Drive Systems |
| Fabrication | Welding/Machining |
| Shop Procedures | Equipment Maintenance |
| Shrink Wrapping | Winterization Procedures |

CAREER OPPORTUNITIES

- | | |
|------------------------|----------------------------|
| Marine Technician | Power Equipment Technician |
| Motorcycle Technician | Fabricator |
| ATV Technician | Welder's Assistant |
| Machine Shop Assistant | |

INDUSTRY SUPPORT

- Yamaha Motor Corporation
- Association of Marine Industries
- New York Marine Trades Association

EDUCATIONAL OPPORTUNITIES

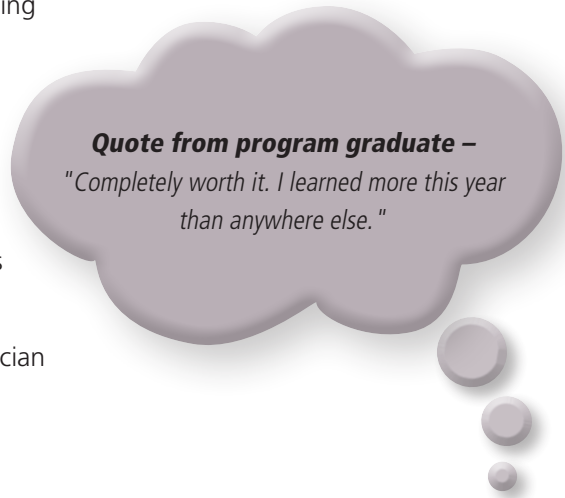
- Continuing Yamaha Module Training toward Master Technician
- Advanced College Standing
- Two-Year Technical College
- Associate Degree
- Graduates can immediately enroll in Yamaha Marine Service Skills Training

SUGGESTED SUPPORTIVE COURSES

- Algebra

ADDITIONAL INFORMATION

- COSTS Uniform and boots approximately \$75
- LENGTH OF COURSE..... 1 or 2 years
- LOCATION Gary D. Bixhorn Technical Center
- CTE/ACADEMIC CREDIT Please see chart on pages 4 and 5 for updated details
- INDUSTRY CERTIFICATIONS..... Yamaha Outboard Systems
Snap-On® Multimeter



Transportation, Distribution and Logistics/CTE

- Auto Body Repair and Car Customizing (MTC, WTC)
- Automotive Technology (MTC, WTC)
- Aviation/Professional Pilot Training (BTC)
- Marine/Motorsports Technology (BTC)

