

Marine Service Technician Apprenticeship Program



WHAT IS AN APPRENTICE?

Apprenticeship is a time-honored approach to training skilled workers through a combination of on-the-job training and classroom instruction. Apprentices are full-time employees who produce high quality work while they learn skills that enhance their employment prospects. An apprentice operates under close supervision of a skilled worker on the job and takes related classroom instruction at night, weekdays or weekends. A graduated pay scale assures that salary reflect the degree of skill achieved.

Apprentice programs are conducted by employers or by groups of employers. The State Department of Labor registers apprenticeship programs, working with forward looking businesses across the state to develop the skilled workforce of the future.

WHAT ARE THE ADVANTAGES OF OPERATING A REGISTERED APPRENTICE PROGRAM?

• READY SOURCE OF TRAINED WORKERS

You know that there is a steady supply of competent workers because you have invested in their future by training them in house.

• ECONOMICAL

Apprentice training programs cost businesses very little because the participants work while they learn. Sponsors generally incur the costs associated with classroom training.

• REDUCED TURNOVER

Being an apprentice assures worker that their jobs have a future. Their satisfaction helps keep them on the job for you.

• BETTER EMPLOYEE RELATIONS

You establish a mutually beneficial association with the apprentices who work for you.

• PUBLIC RECOGNITION

Apprenticeship training programs approved by NYS enjoy the respect of industry and labor alike, and are nationally recognized and therefore portable.

WHAT WILL I LEARN IN THE MARINE SERVICE TECHNICIAN APPRENTICE PROGRAM AND HOW LONG WILL IT TAKE?

- Safety and Workplace Orientation – 150 hours
- Vessel Technology and Operation- 1,000 hours
- Marine Operations- 1,000 hours
- Coastal Piloting and Seamanship – 1,000 hours
- Vessel Propulsion Systems- 1,000 hours
- Marine Electrical Systems- 1,000 hours
- Marine Electronics- 1,000 hours
- Other vessel repairs- 1,000 hours
- Welding – 1,000 hours
- Miscellaneous Advanced Service Techniques- 1,000 hours

In addition to the topics covered above, the apprentice must also pass the following industry recognized certifications:

- ABYC- Basic Electrical, Gas engine, Diesel engine
- NMEA- Basic Marine Electronics Installer (BMEI)
- NMEA 2000 installer
- NC3- Torque, Precision Measurement, Battery service and Maintenance, Starting and charging
- DEC- Apprentice Bottom Painting
- OSHA- Fork Truck, Mobile Strap Lift
- Other certifications per employer specific requirements.

HOW DO I GET STARTED?

1. Apprentice- fill out apprentice form AT-401
2. Submit to ESMTA
3. Apply to acceptance to college
4. Interview with prospective employer
5. Begin work and school
6. Employer*- fills out form AT-701, and submit to Empire State Marine Trades Association

*Must be a member of regional marine trades

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