



If you're interested in a career in construction trades, advanced manufacturing, marine trades, welding, or HVAC, this training could be a good option.

1. Organization providing the training:

Chesapeake College

2. Physical location where training occurs:

Chesapeake College
1000 College Circle
Wye Mills, MD 21679

3. Description of the training offered:

Interested participants have the opportunity to choose from the various trainings listed below:

- **Advanced Manufacturing:** Introduction to Manufacturing (45 hours), Certified Production Technician Safety and Quality (45 hours), Manufacturing Processes and Production (45 hours), Fast Track Maintenance (45 hours), Fuji Automatic Numerical Control (FANUC) Robotics (50 hours), 3D Modeling I and II (36 hours each)
- **Marine Trades:** Introduction to Marine Engine Systems (48 hours), Portable Engine Service (45 hours), Mid-Range Engine Services (45 hours), Inline Engine Service (45 hours), V6 Engine Service (45 hours), Engine Service (3 engine service courses wrapped into one – 66 hours), Maintenance Technician (all certification courses wrapped into one – 81 hours), Entry Level Marine Service Technician (48 hours), National Marine Educators Association (NMEA) Basic Marine Electronics Installer (18 hours), NMEA 2000 Installer (18 hours)
- **Construction Skills & Safety:** Core Construction Training (60 hours)
- **Heating, Ventilation, and Air Conditioning (HVAC) Technician Training:** Heating, Ventilation, and Air Conditioning (HVAC) Service Tech (Compressor Driven) (80 hours)
- **Welding:** Fundamentals of Welding (45 hours), Welding & Cutting Processes (45 hours), Metal Fabrication (53 hours), Metal Inert Gas (MIG) and Tungsten Inert Gas (TIG) Welding (90 hours), Stick & Fluxcore Welding (90 hours), Welding Certification Practice & Training (6 hours)

4. Trainees have the opportunity to earn the following industry-recognized credentials:

- **Advanced Manufacturing:** Manufacturing Associate (Society of Manufacturing Engineers),

Safety & Quality Badges through Manufacturing Skill Standards Council (MSSC), FANUC Robot Technician, Certified Solidworks® Associate/Professional

- **Construction Skills & Safety:** National Center for Construction Education and Research (NCCER) Certification (available starting in Fall 2025)
 - **HVAC:** NCCER Technician (available starting Fall 2025)
 - **Welding:** American Welding Society (AWS) D1.1 Structural Steel Welder, AWS D9.1 (sheet metal), AWS 17.1 (aerospace)
 - **Marine Trades:** Yamaha Maintenance Technician, NMEA Basic Electronics Installer, NMEA 2000 Installer, American Boat and Yacht Council (ABYC) Entry Level Marine Service Technician
- **Chesapeake College is one of only nine academic institutions in the U.S. that offer the highest level Yamaha certification, Certified Maintenance Technician**

5. Am I eligible?

To be eligible participants must be:

- 18 years or older.
- Looking for employment advancement (new job or advancement in one's career).

6. What is the application process?

Meet with the B/I Navigator (complete Maryland Workforce Exchange registration, complete O*Net interest profile, complete intake form with valid ID), submit application/scholarship agreement form, register/successfully complete course or courses, B/I Navigator supports in finding employment with SIP and/or other employers

7. How much can I expect to earn if I complete this program and obtain employment in the skilled trades fields?

Starting wages vary, but ranges are shown below:

- **Advanced Manufacturing:** \$50K/yr or \$24/hr
- **Marine Trades:** \$42K/yr or \$18 - \$28/hr
- **Construction:** \$50K/yr or \$24/hr
- **Heating, Ventilation, and Air Conditioning (HVAC):** \$47K/yr or \$22/hr
- **Welding:** \$48K/yr or \$23/hr

8: How much do I have to pay for this program?

EARN participants will receive scholarships that greatly reduce the cost of training. Specific costs vary per program; please contact us for more specific information.

9. Where can I find more information?

For more information, please visit/contact:

<https://www.chesapeake.edu/pathways/skilled-trades>, dirby@chesapeake.edu, skilledtrades@chesapeake.edu, (410) 822-5400 ext. 2726