

MARITIME ADMINISTRATION
U.S. Department of Transportation
Center of Excellence (CoE) for Domestic Workforce Training and Education

Northeast Wisconsin Technical College – Green Bay, Wisconsin

The Maritime Administration redesignates Northeast Wisconsin Technical College (NWTC) as a Center of Excellence for Domestic Maritime Workforce Training and Education (CoE) for its leadership in marine manufacturing, defense shipbuilding partnerships, and technical trade education across the Great Lakes. Located in Green Bay, Wisconsin, NWTC is the primary training engine for the "North Coast" region, home to 6,000+ marine manufacturing workers and seven of the Great Lakes' eight shipbuilders.

Operational Footprint & Assets

NWTC offers technical diplomas and associate degrees while maintaining dedicated instructional facilities tailored for commercial and defense shipbuilding.

- **Academic & Specialized Shipyard Training Facilities:** Operates the 25,000-sq-ft North Coast Marine Manufacturing Training Center (NCMMTC) in Green Bay alongside dedicated shipyard-training spaces on its Sturgeon Bay campus to deliver technical instruction tailored for commercial and defense shipbuilders.
- **North Coast Marine Manufacturing Training Center (NCMMTC):** Equipped with two welding shops, electrical labs, CAD/Ship Constructor software, and multi-craft flex labs.
- **Sturgeon Bay Campus Expansion:** Dedicated training space for Fincantieri Bay Shipbuilding.
- **Ashore Technical Career Tracks:** Grants Technical Diplomas and A.A.S. degrees in Welding (AWS/ASME standards), Electricity, Mechanical Design Technology, and Electrical Engineering Technology.
- **Shipbuilding Apprenticeship Track:** Launched a 607-hour apprenticeship with Fincantieri Marinette Marine (FMM) covering welding, trades math, and OSHA 10.

Workforce & Regional Impact

NWTC serves as the primary workforce provider for major defense and commercial shipbuilders, including Fincantieri Marinette Marine (FMM) and Fincantieri Bay Shipbuilding.

- **Shipyard Incumbent Training Volume:** Trained over 14,000 FMM personnel since 2012, including 906 FY23 contracted incumbents across core trade disciplines and 140+ workers at the Sturgeon Bay facility.
- **Completion & Placement:** Graduated 322 students across technical degree programs (FY21–FY23), maintaining in-field graduate employment rates between 80% and 100%.
- **Industry & Community Engagement:** Founding member of the North Coast Marine Manufacturing Alliance and member of the National Maritime Workforce Alliance; hosts the annual NWTC Welding Rodeo featuring high school and postsecondary teams competing in hands-on metal fabrication, artistic welding, and trade skill challenges.
- **K-12 STEM Pipeline:** Engages 32 regional K-12 school districts via dual-credit STEM instruction and sponsors the regional *National SeaPerch Challenge* robotics competition.

Strategic Outlook

Integrated into U.S. Navy defense procurement, NWTC is committed to training an estimated 1,000 new shipbuilders as FMM constructs the Navy's new *Constellation*-class (FFG-62) guided-missile frigates. By expanding online coursework (e.g., *Intro to Shipbuilding*), utilizing patented Mobile Modular Training Systems, and delivering public safety marine training, NWTC maintains a vital technical pipeline for national defense and Great Lakes commercial maritime manufacturing.