

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

**Minnesota State Domestic Maritime Workforce Consortium –
Saint Paul College – Saint Paul, MN**

The Secretary of Transportation designates the Minnesota State Domestic Maritime Workforce Consortium (MSDMWC), incorporating Saint Paul College, as a Center of Excellence for Domestic Maritime Workforce Training and Education (CoE) for its Upper Mississippi riverport technical education, trade union partnerships, and skilled trade workforce development.

Operational Footprint & Assets

- **Upper Mississippi Riverport Alignment:** Serves as a key technical training partner for the Saint Paul Port Authority, which oversees major river commerce terminals along the Mississippi River, including Barge Terminal One, Barge Terminal Two, Red Rock, and Southport.
- **Industrial Skilled Trades Portfolio:** Offers over 100 degree, diploma, and certificate programs. Maritime-aligned technical programs include Pipefitting (AAS/Diploma and Building Trades/Service Apprenticeships), Welding Technology & Robotic Welding, Sheet Metal & HVAC Ducts/Fittings, Electromechanical Systems & Industrial Programming, CNC Toolmaking & Machine Operation, Truck Technician/Diesel Mechanics, Carpentry & Cabinetmaking, Plumbing, and Supply Chain Logistics.
- **Specialized Training Facilities:** Features dedicated instructional labs equipped for heavy lifting, pipefitting, valve repair, pneumatic and electronic controls, high/low-pressure steam systems, and diesel engine diagnostics.
- **Military & Veterans Integration:** Proclaimed a Yellow Ribbon Organization by the State of Minnesota, expanding educational and workforce partnerships with military-affiliated agencies, including the U.S. Army Corps of Engineers.
- **K-12 & Dual-Enrollment Pathways:** Collaborates with Saint Paul Public Schools through the Gateway to College program and the District Career Pathways Center (with 3M). Over 1,100 high school students complete college credits annually in trade and technical education.

Workforce & Regional Impact

- **Substantial Technical Enrollment Volume:** Annual subject enrollment in core maritime-aligned trade disciplines includes Electrical Technology (109 FYE), CNC Toolmaking (82 FYE), Welding Technology (38 FYE), Electromechanical Systems (19 FYE), Sheet Metal & HVAC (19 FYE), Plumbing (38 FYE), Truck Technician (15 FYE), and Supply Chain Logistics.
- **High Career & Related Placement Metrics:** Reaches 71% to 80% related employment and continuing education rates across technical trade graduates, supplying skilled labor to regional fleet maintenance departments, construction firms, and port contractors.
- **AMATYC STEM Research Excellence:** STEM department consistently achieves national recognition in the American Mathematical Association of Two-Year Colleges modeling competition, building strong analytical and problem-solving skills for technical careers.

Strategic Outlook

Positioned at the head of navigation on the Mississippi River, Saint Paul College provides essential technical training for inland waterway logistics, barge maintenance, and heavy industrial infrastructure. By expanding its stackable certificate pathways and trade union apprenticeship partnerships, SPC ensures that commercial towboat, barge, and port facility operators maintain a steady pipeline of certified pipefitters, welders, electricians, and heavy diesel technicians.