

Certificate

Program Description:

The Maritime Training in Technical Studies program provides training to career-oriented individuals interested in obtaining a One-Year certificate in inland marine-related subjects. Individuals typically start out as deckhands and can progress to positions of greater responsibility based upon experience and meeting U.S. Coast Guard regulated licensing requirements. Deckhands are responsible for rigging barges, maintaining barges once underway, and performing routine maintenance on towboats and barges.

Career Outlook:

The job outlook is expected to remain competitive for jobs in water transportation occupations. Increased river traffic (expected to grow 1.1% per year along the Ohio River through the year 2060) plus an aging workforce will provide opportunities for employment to both entry-level and tenured workers.

Salary Forecast:

The following annual pay and benefits information was provided by the inland marine industry:

Master	\$90,000
Pilot	\$70,000
Mate	\$36,000
Engineer	\$45,000
Tankerman	\$41,000
Deckhand	\$25,000

Salaries may vary depending on location, experience, and amount of education. Workers can also expect to receive varying amounts of production and safety bonuses and cost-share medical benefits. The annual pay and benefits vary by company. Please note that inland marine workers typically work only 8 months out of the year.

Career Description:

The maritime worker is responsible for movement of huge amounts of cargo, as well as passengers, within the nation. The barge and towing industry provides:

- Extended time-off to its workers. When working, they are usually on duty for 6-hour periods, 24 hours a day, for up to 21 days. After each completed work schedule on board a towboat, workers have several days off at a stretch totaling as much as 6 months of time off annually;
- The flexibility to live where they want. Towboat crews often live several hundred miles from the waterways where they work. This flexibility means workers can live near their family and friends and still be able to meet the boat when it is time to head back to work;
- The opportunity for a stable, well-paid career with unlimited potential to move up to positions of greater responsibility in a dynamic industry and drug-free environment.

Maritime workers operate and maintain tugboats, dredges, excursion vessels and various waterborne craft on the Great Lakes, rivers and canals, and other waterways in harbors. After 18 months of actual deckhand experience, individuals can attend U.S. Coast Guard-approved license training that leads to a license as a Master of Towing Vessels.

Major Code – CT10 • Concentration Code – CT11

FIRST YEAR¹	
<p>COMPONENT I - General Education²</p> <p>ENL 111 Written Communication³3 IT 101 Fundamentals of Computers (EDGE).....3 MAT 150 Applied Professional Mathematics3 SS 201 Human Relations3</p> <p style="text-align: right;">TOTAL CREDITS12</p>	<p>COMPONENT II - TECHNICAL CORE</p> <p>ENL 235 Leadership Development Studies⁴ 3 EC 102 Basic Economics..... 3 EME 105 First on Scene..... 3 MG 101 Introduction to Business (EDGE)..... 3 MT 105 Industrial Safety 2 Deckhand Training¹ 3 Fire Training School⁵ 1</p> <p style="text-align: right;">TOTAL CREDITS..... 13</p>
<p>COMPONENT III - TECHNICAL OCCUPATIONAL SPECIALTY</p> <p>Maximum of 960 contact hours of on-the-job training (OJT) can be earned for the Technical Studies One-Year Certificate. A letter from the employer verifying the total number of contact hours experienced on the job by the student will be placed on the college record. This credit will be recorded immediately prior to awarding the certificate.</p> <p style="text-align: right;">TOTAL CREDITS6</p>	
HOURS REQUIRED FOR GRADUATION: 31	

Employment Opportunities:

- Deckhand
- Tankerman
- Engineer
- Mate
- Pilot
- Master

Earn a Degree Graduate Early (EDGE):

This program provides students the opportunity to receive credit for their high school EDGE courses.

Contact Information:

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1. Must provide a certificate of completion of Deckhand Training Class or present a letter from employer confirming six (6) months employment as a deckhand.
 2. Students must complete a minimum of 3 credit hours with Marshall Community & Technical College to establish academic residency.
 3. Fulfills MCTC General Education and State Communication Skills requirement for Technical Studies One-Year certificate.
 4. ENL 235 has a prerequisite of ENL 111 or COM 111.
 5. Must provide a certificate of completion of MCTC Fire Training School or provide proof of equivalency.