

Certificate

BOAT BUILDING

Boat Building is an exciting and comprehensive educational program designed to provide students with the skills and knowledge needed to excel in the field of boat construction. It offers a unique blend of traditional craftsmanship and modern techniques, allowing students to develop a deep understanding of the art and science of building boats.

This program covers fundamental processes, methods, and components of composite boat manufacturing, including molds, plugs, gelcoat, lamination, plumbing, rigging, and quality control. After completion of the program students will obtain skill sets needed to enter the workforce as a Boat Building Technician.

Required Courses

Boat Building Requirements

| CERTIFICATE REQUIREMENTS: BOAT BUILDING | | |
|---|--------------------------------------|--------------------------|
| Component | Course Title | Semester Credit Hours |
| MNT 151 | Introduction to Boat Building | 4 |
| MNT 152 | Lamination I | 3 |
| MNT 153 | Molds and Materials | 3 |
| MNT 154 | Structural Integrity | 4 |
| MNT 161 | Boat Assembly | 3 |
| MNT 162 | Lamination II | 3 |
| MNT 163 | Boat Rigging and Engine Installation | 3 |
| MNT 164 | Boat Plumbing and Electrical | 3 |
| MNT 165 | Quality Control and Finishing | 3 |
| MNT 166 | Boat Building Capstone | 3 |
| CREDITS | | 32 |
| TOTAL CREDIT HOURS | | 32 |