

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.

CURRICULUM SEQUENCE

First Semester - Fall

	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
	TOTAL	14

Second Semester - Spring

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
	TOTAL	12

Third Semester - Summer

MNT 165	Quality Control and Finishing	3
MNT 166	Boat Building Capstone	3
	TOTAL	6
	TOTAL CREDIT HOURS	32

For more information about gainful employment, visit: <https://www.hgtc.edu/righttoknow>.