

**Certificate****OUTBOARD MARINE TECHNOLOGY**

This program covers all components and functions of an Outboard engine including service, diagnostic electrical systems, rigging, propellers, lubrication, lower units and fuel systems. After completion of the program students will obtain skill sets needed to enter the workforce as a Outboard Engine Technician.

**CURRICULUM SEQUENCE****First Semester - Fall**

|         | Course Title                               | Semester<br>Credit Hours |
|---------|--|--------------------------|
| MNT 101 | Outboard Marine Engines I                  | 3                        |
| MNT 104 | Marine Service Operations                  | 4                        |
| MNT 106 | Marine System Electrical<br>Basics         | 2                        |
| MNT 109 | Propellers                                 | 2                        |
| MNT 120 | Introduction to Outboard<br>Marine Systems | 2                        |
|         | <b>TOTAL</b>                               | <b>13</b>                |

**Second Semester - Spring**

|         |  |           |
|---------|--|-----------|
| MNT 103 | Rigging                                | 3         |
| MNT 105 | Marine Fuel and Lubrication<br>Systems | 3         |
| MNT 107 | Marine Electrical Systems              | 2         |
| MNT 110 | Outboard Marine Engines II             | 4         |
|         | <b>TOTAL</b>                           | <b>12</b> |

**Third Semester - Summer**

|         |   |           |
|---------|---|-----------|
| MNT 102 | Lower Units                             | 3         |
| MNT 108 | Marine System Electrical<br>Diagnostics | 3         |
|         | <b>TOTAL</b>                            | <b>6</b>  |
|         | <b>TOTAL CREDIT HOURS</b>               | <b>31</b> |

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