

# MARINE TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

## Course Sequence Guide

| Course                       | Title                                        | Credits      |
|------------------------------|----------------------------------------------|--------------|
| <b>Year 1</b>                |                                              |              |
| <b>Fall</b>                  |                                              |              |
| DD 170                       | CADD/Computer Modeling                       | 4            |
| EET 103                      | Electrical Studies I                         | 3            |
| ENG 111                      | English Composition                          | 4            |
| RAM 155                      | Microcontroller Programming                  | 3            |
| WSI 106                      | Introduction to Water Quality                | 3            |
| <b>Credits</b>               |                                              | <b>17</b>    |
| <b>Spring</b>                |                                              |              |
| Select one of the following: |                                              | 3-4          |
| BUS 231                      | Professional Communications                  |              |
| ENG 112                      | English Composition                          |              |
| ENG 220                      | Technical Writing                            |              |
| EET 204                      | Electrical Studies II                        | 3            |
| RAM 205                      | Microcontroller Systems                      | 3            |
| Select one of the following: |                                              | 4            |
| ENV 117                      | Meteorology & Climatology                    |              |
| PHY 105                      | Physics of the World Around Us               |              |
| PHY 121                      | General Physics I                            |              |
| <b>Credits</b>               |                                              | <b>13-14</b> |
| <b>Summer</b>                |                                              |              |
| WSI 200                      | GL Research Technologies                     | 3            |
| <b>Credits</b>               |                                              | <b>3</b>     |
| <b>Year 2</b>                |                                              |              |
| <b>Fall</b>                  |                                              |              |
| GEO 115                      | Introduction to GIS                          | 3            |
| MFG 104                      | Fluid Power                                  | 3            |
| MTH 121                      | College Algebra                              | 4            |
| WSI 210                      | Underwater Acoustics and Sonar               | 3            |
| WSI 240                      | ROV Systems and Operations                   | 3            |
| <b>Credits</b>               |                                              | <b>16</b>    |
| <b>Spring</b>                |                                              |              |
| EET 260                      | System Engineering in Practice               | 3            |
| ENV 131                      | Oceanography                                 | 4            |
| PHL 105<br>or PHL 203        | Critical Thinking<br>or Environmental Ethics | 3            |
| WSI 215                      | Marine GIS & Data Processing                 | 3            |
| <b>Credits</b>               |                                              | <b>13</b>    |
| <b>Total Credits</b>         |                                              | <b>62-63</b> |