

# A.A.S. in TECHNICAL STUDIES (5304) – 60 Credits

## Essex County College, METCS Division – Curriculum Guide

STUDENT: \_\_\_\_\_

ID#: \_\_\_\_\_

| <b>General Education Requirements (20 Crs.)</b>   |  | Crs.      | ✓ |
|---|--|-----------|---|
| <b>Written &amp; Oral Communications (6 Crs.)</b>   |  |           |   |
| ENG 101   | College Composition I  | 3         |   |
| ENG 102 or 105  | Choose <b>One</b>  | 3         |   |
| <b>Quantitative/Scientific Knowledge, Skills &amp; Reasoning (8 Crs.)</b>                               |  |           |   |
| MTH 100, 101, 113, 119, 120, 121 or 122,  | Choose <b>One</b> listed college level Math course, MTH 103 not permitted. | 4         |   |
| BIO 101, 102, 103, 104, 121, 122  | Choose <b>One</b> Lab Science Course                                       | 4         |   |
| <b>Society &amp; Human Behavior (3 Crs.)</b>  |  |           |   |
| ANT 101, 105; ECO 101, 102; POL 101, 104; PSY 101, 102, 219; SOC 101, 108, 219 (ECO 101 recommended)    | Choose <b>One</b> Social Science General Education Course                  | 3         |   |
| <b>Historical Perspective (3 Crs.)</b>  |  |           |   |
| E.g., HST 101, 102, 111, 112, 121, 122, 131, 132, 134, 135, 136, 137, 161, 162                          | Choose <b>One</b> History Course   | 3         |   |
| <b>Major Requirements (33 Crs.)</b>   |  |           |   |
| UCC 109   | Subcode Official   | 3         |   |
| UCC 110   | Construction Official  | 3         |   |
| CEE   | Co-op Ed. Exp. I   | 2         |   |
| CEE   | Co-op Ed. Exp. II  | 2         |   |
| Technical Courses (to complete 33 total major credits-see an METCS advisor): Choose from the following. |  |           |   |
| • Building code requirement   |  | 16        |   |
| • Electric Code requirement   |  | 7         |   |
| • Fire Code requirement   |  | 12        |   |
| • Plumbing Code requirement   |  | 12        |   |
| <b>Additional Requirements (7 Crs.)</b>   |  |           |   |
| ENR 100   | Intro to Engineering   | 2         |   |
| ENR 105   | Applied Computer Aided Design  | 2         |   |
| Technical Elective  |  | 3         |   |
| <b>Total Credits Required</b>   |  | <b>60</b> |   |

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