

# Automotive Technology



## Associate in Applied Science (Total Credit Hours – 67)

### GENERAL EDUCATION REQUIREMENTS

| WRITTEN / ORAL COMMUNICATIONS |           |                             |    |          |
|-------------------------------|-----------|-----------------------------|----|----------|
| <input type="checkbox"/>      | ENGL 1200 | Business English            | OR | 6        |
| <input type="checkbox"/>      | ENGL 1204 | English Composition I       |    |          |
| <input type="checkbox"/>      | ENGL 1206 | English Composition II      |    |          |
| <input type="checkbox"/>      | COMM 1200 | Interpersonal Communication |    |          |
| <input type="checkbox"/>      |           |                             |    |          |
| <input type="checkbox"/>      |           |                             |    |          |
| <b>TOTAL</b>                  |           |                             |    | <b>6</b> |

| HUMANITIES  |  |  |  |          |
|---|--|--|--|----------|
| <a href="#">See Advisor for Transfer Information</a>          |  |  |  |          |
| <b>Fine Arts</b>  |  |  |  |          |
| <input type="checkbox"/>                                      |  |  |  |          |
| <input type="checkbox"/>                                      |  |  |  |          |
| <b>Language Arts</b>  |  |  |  |          |
| <input type="checkbox"/>                                      |  |  |  |          |
| <input type="checkbox"/>                                      |  |  |  |          |
| <b>Philosophy / History / Religion</b>                        |  |  |  |          |
| <input type="checkbox"/>                                      |  |  |  |          |
| <input type="checkbox"/>                                      |  |  |  |          |
| <b>TOTAL (See advisor for enrollment in Humanities class)</b> |  |  |  | <b>3</b> |

| SOCIAL and BEHAVIORAL SCIENCES  |  |  |  |          |
|---|--|--|--|----------|
| <a href="#">See Advisor for Transfer Information</a>                            |  |  |  |          |
| <b>Social Science</b>   |  |  |  |          |
| <input type="checkbox"/>  |  |  |  |          |
| <input type="checkbox"/>  |  |  |  |          |
| <b>Behavioral Science</b>   |  |  |  |          |
| <input type="checkbox"/>  |  |  |  |          |
| <input type="checkbox"/>  |  |  |  |          |
| <b>Economics / Political Science</b>  |  |  |  |          |
| <input type="checkbox"/>  |  |  |  |          |
| <input type="checkbox"/>  |  |  |  |          |
| <b>TOTAL(See advisor for enrollment in Social and Behavioral Science class)</b> |  |  |  | <b>3</b> |

| NATURAL SCIENCE and MATHEMATICS                      |           |                      |    |          |
|--|-----------|----------------------|----|----------|
| <a href="#">See Advisor for Transfer Information</a> |           |                      |    |          |
| <input type="checkbox"/>                             | MATH 1806 | Technical Math       | OR | 3        |
| <input type="checkbox"/>                             | MATH 1824 | Intermediate Algebra |    |          |
| <input type="checkbox"/>                             | MATH 1828 | College Algebra      |    |          |
| <input type="checkbox"/>                             |           |                      |    |          |
| <input type="checkbox"/>                             |           |                      |    |          |
| <b>TOTAL</b>   |           |                      |    | <b>3</b> |

| PHYSICAL EDUCATION (maximum of two credit hours) OR HEALTH (maximum of three credit hours) |  |  |  |  |
|--|--|--|--|--|
| <input type="checkbox"/>   |  |  |  |  |
| <input type="checkbox"/>   |  |  |  |  |
| <b>TOTAL</b>   |  |  |  |  |

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### REQUIREMENTS for SPECIFIC MAJOR:

| MAJOR REQUIREMENTS                                   |           |                                       |           |
|--|-----------|---------------------------------------|-----------|
| <a href="#">See Advisor for Transfer Information</a> |           |                                       |           |
| <input type="checkbox"/>                             | AUTO 1100 | Introduction to Automotive Technology | 3         |
| <input type="checkbox"/>                             | AUTO 1102 | Brakes I                              | 3         |
| <input type="checkbox"/>                             | AUTO 1104 | Brakes II                             | 3         |
| <input type="checkbox"/>                             | AUTO 1106 | Steering and Suspension I             | 3         |
| <input type="checkbox"/>                             | AUTO 1107 | Steering and Suspension II            | 2         |
| <input type="checkbox"/>                             | AUTO 1108 | Engine Repair I                       | 3         |
| <input type="checkbox"/>                             | AUTO 1110 | Engine Repair II                      | 3         |
| <input type="checkbox"/>                             | AUTO 1112 | Electrical I                          | 3         |
| <input type="checkbox"/>                             | AUTO 1114 | Electrical II                         | 3         |
| <input type="checkbox"/>                             | AUTO 1116 | Electrical III                        | 4         |
| <input type="checkbox"/>                             | AUTO 1118 | Automotive Air Conditioning           | 4         |
| <input type="checkbox"/>                             | AUTO 1120 | Engine Performance I                  | 3         |
| <input type="checkbox"/>                             | AUTO 1122 | Engine Performance II                 | 3         |
| <input type="checkbox"/>                             | AUTO 1124 | Engine Performance III                | 4         |
| <input type="checkbox"/>                             | AUTO 1126 | Manual Transmissions                  | 3         |
| <input type="checkbox"/>                             | AUTO 1128 | Automatic Transmissions               | 5         |
| <b>TOTAL</b>   |           |                                       | <b>52</b> |

| MAJOR ELECTIVES                                      |           |                                 |     |
|--|-----------|---------------------------------|-----|
| <a href="#">See Advisor for Transfer Information</a> |           |                                 |     |
| <input type="checkbox"/>                             | AUTO 1130 | Service Techniques I            | 3   |
| <input type="checkbox"/>                             | AUTO 1132 | Service Techniques II           | 3   |
| <input type="checkbox"/>                             | AUTO 1134 | Service Techniques III          | 3   |
| <input type="checkbox"/>                             | AUTO 1140 | Hybrid and Electric Powertrains | 1   |
| <input type="checkbox"/>                             | AUTO 1060 | Occupational Internship         | 1-6 |
| <input type="checkbox"/>                             | AUTO 1024 | Auto Body Repair I              | 3   |
| <input type="checkbox"/>                             | AUTO 1026 | Auto Body Repair II             | 3   |
| <input type="checkbox"/>                             | AUTO 1036 | Auto Body Repair III            | 3   |
| <input type="checkbox"/>                             |           |                                 |     |
| <input type="checkbox"/>                             |           |                                 |     |
| <b>TOTAL</b>   |           |                                 |     |

After successful completion of this coursework, students will be eligible to sit for the following industry certification:  
 Student NATEF Engine Performance  
 Student NATEF Electrical/Electronic Systems  
 Student NATEF Suspension & Steering  
 Student NATEF Brakes

Review Date: 07/18  
 Effective Date: 2/15  
 KBOR Aligned Program

Student Name: \_\_\_\_\_ ID#: \_\_\_\_\_

Placement Scores: \_\_\_ English \_\_\_ Math \_\_\_ Reading

[www.bartonccc.edu](http://www.bartonccc.edu) 1-800-748-7594

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