

# AUTOMOTIVE SERVICE TECHNICIAN, CERTIFICATE I

## Plan of Study

| Course                 | Title   | Hours     |
|------------------------|---|-----------|
| <b>First Semester</b>  |   |           |
| AUMT 1305              | Introduction to Automotive Technology                   | 3         |
| AUMT 1307              | Automotive Electrical Systems                           | 3         |
| AUMT 1410              | Automotive Brake Systems                                | 4         |
| AUMT 1419              | Automotive Engine Repair                                | 4         |
| <b>Hours</b>           |   | <b>14</b> |
| <b>Second Semester</b> |   |           |
| AUMT 1445              | Automotive Climate Control Systems                      | 4         |
| AUMT 2321              | Automotive Electrical Diagnosis and Repair              | 3         |
| AUMT 1416              | Automotive Suspension and Steering Systems              | 4         |
| AUMT 2313              | Automotive Drive Train and Axles                        | 3         |
| <b>Hours</b>           |   | <b>14</b> |
| <b>Third Semester</b>  |   |           |
| AUMT 1281              | Cooperative Education                                   | 2         |
| AUMT 2434              | Automotive Engine Performance Analysis II CAPSTONE<br>1 | 4         |
| AUMT 2317              | Automotive Engine Performance Analysis I Capstone       | 3         |
| AUMT 2425              | Automotive Automatic Transmission and Transaxle         | 4         |
| <b>Hours</b>           |   | <b>13</b> |
| <b>Total Hours</b>     |   | <b>41</b> |

<sup>1</sup> **Capstone Experience:** AUMT 2434 Automotive Engine Performance Analysis II CAPSTONE is a course taught in the last semester. The learning experiences in this course result in a consolidation of a student's educational programmatic experience.