## Business & Technology Division Degree Plan

**AUTOMOTIVE TECHNOLOGY**
Associate of Applied Science

### Student Information

<table>
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<tr>
<th>STUDENT NAME</th>
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<td>ADDRESS</td>
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<td>TELEPHONE (DAY)</td>
<td>EVE</td>
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<tr>
<td>CITY, STATE, &amp; ZIP CODE</td>
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<td>ENROLLMENT DATE</td>
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### Placement Testing

**Alternative Exam:**
- Accuplacer/ASSET/COMPASS/THEA
- ACT
- SAT

**DATE:**

### Developmental Courses

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<tr>
<th>Course</th>
<th>Grade</th>
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<td>Orin 101 - College Success</td>
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### Major Courses

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<th>SCH</th>
<th>COLLEGE</th>
<th>SEM/YR</th>
<th>GRADE</th>
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#### First Year - Fall Semester

- **AUMT 1305** Introduction to Automotive Technology 3
- **AUMT 1407** Automotive Electrical Systems 4
- **AUMT 1410** Automotive Brake Systems 4
- **AUMT 1416** Automotive Suspension & Steering Systems 4
- **SPCH 1311** Introduction to Speech Communication 3

#### First Year - Spring Semester

- **AUMT 1345** Automotive Climate Control Systems 3
- **AUMT 1419** Automotive Engine Repair 4
- **AUMT 2417** Automotive Engine Performance Analysis I 4
- **TECM 1303** Technical Calculations 3

#### Second Year - Summer Session

- **ENGL 1301** Composition 3
- ** Humanities Elective** 3

#### Second Year - Fall Semester

- **AUMT 2313** Automotive Drive Train & Axles 3
- **AUMT 2425** Automotive Automatic Transmission & Trans. 4
- **AUMT 2434** Automotive Engine Performance Analysis II 4
- **PSYC 2301** General Psychology 3

#### Second Year - Spring Semester

- **CSIR 1355** Industry Certifications 3
- **AUMT 2301** Automotive Management 3
- **AUMT 2421** Automotive Electrical Diagnosis & Repair 4
- **PHYS 1415** Physical Science I 4
- **AUMT 1266** CAPSTONE: Practicum I 2

**Identifies Courses to Fulfill Minimum 15 Hours General Education Requirement**

### Signature

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<tr>
<th>STUDENT'S SIGNATURE</th>
<th>DATE</th>
<th>FACULTY/ADVISOR'S SIGNATURE</th>
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2014-2015 Automotive Technology, Associate of Applied Science

PRE-REQUISITES:

**AUMT 1305**  INTRODUCTION TO AUTOMOTIVE TECHNOLOGY  
Prerequisite: None.

**AUMT 1407**  AUTOMOTIVE ELECTRICAL SYSTEMS  
Prerequisite: None.

**AUMT 1410**  AUTOMOTIVE BRAKE SYSTEMS  
Prerequisite: Concurrent enrollment in AUMT 1407.

**AUMT 1416**  AUTOMOTIVE SUSPENSION AND STEERING SYSTEMS  
Prerequisite: Concurrent enrollment in AUMT 1407.

**SPCH 1311**  INTRODUCTION TO SPEECH COMMUNICATION  
Prerequisite: Completion of READ 0200 or equivalent.

**AUMT 1345**  AUTOMOTIVE CLIMATE CONTROL SYSTEMS  
Prerequisite: DEMR 1401 or AUMT 1407.

**AUMT 1419**  AUTOMOTIVE ENGINE REPAIR  
Prerequisite: AUMT 1407.

**AUMT 2417**  AUTOMOTIVE ENGINE PERFORMANCE ANALYSIS I  
Prerequisite: AUMT 1407; Concurrent enrollment in AUMT 1419.

**TECM 1303**  TECHNICAL CALCULATIONS  
Prerequisite: None.

**ENGL 1301**  COMPOSITION  
Prerequisite: TSI complete in Reading and Writing; or completion of ENGL 0200 and READ 0200 with a grade of "C" or better; or completion of INRW 0304 with a grade of "C" or better.

**AUMT 2313**  AUTOMOTIVE DRIVE TRAIN & AXLES  
Prerequisite: AUMT 1419.

**AUMT 2425**  AUTOMOTIVE AUTOMATIC TRANSMISSION & TRANSAXLE  
Prerequisite: AUMT 1407.

**AUMT 2434**  AUTOMOTIVE ENGINE PERFORMANCE ANALYSIS II  
Prerequisite: AUMT 2417.

**PSYC 2301**  GENERAL PSYCHOLOGY  
Prerequisite: Completion of READ 0100 with a grade of "C" or better or equivalent.

**CSIR 1355**  INDUSTRY CERTIFICATIONS  
Prerequisite: None.

**AUMT 2301**  AUTOMOTIVE MANAGEMENT  
Prerequisite: SPCH 1311 and PSYC 2301.  
Note: AUMT 2301 may only be taken in the final semester of the program.

**AUMT 2421**  AUTOMOTIVE ELECTRICAL DIAGNOSIS & REPAIR  
Prerequisite: AUMT 1407.

**PHYS 1415**  PHYSICAL SCIENCE I  
Prerequisite: TSI complete in Reading and in Math; or equivalent.

**AUMT 1266**  CAPSTONE: PRACTICUM I  
Prerequisite: Permission from the Department.

HUMANITIES ELECTIVE - 3 CREDITS (Depending on the course, check the catalog for pre-requisites.)