

**Catalog Year 2019-2020**

AAS Automotive Technology

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is an efficient strategy only. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Elective, and university requirements (see pg.2) are based on Catalog Year.

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| --- | --- | --- | --- | --- | --- | --- |
| **Course Subject and Title** | **Cr.**  | **Min.** **Grade** | **\*GE,** **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | **Co Requisite** |
| Semester One |
| GE Objective 1: ENGL 1101 English Composition | 3 | C- | GE |  | Appropriate placement score |  |
| AUTM 0100E: Electrical Systems | 3 |  |  | F |  |  |
| AUTM 0100M: Engine Repair | 3 |  |  | F |  |  |
| AUTM 0100S: Automotive Tech Fundamentals and Safety | 2 |  |  | F |  |  |
| AUTM 0102: Automotive Electrical  | 8 | C |  | F |  | AUTM 0100E, 0100M, 0100S |
|  Total | **19** |  |  |  |  |  |
| Semester Two |
| GE Objective 3: Mathematical Ways of Knowing | 3 |  | GE |  |  |  |
| AUTM 0101: Advanced Engine Mechanical and Repair | 4 | C |  | S | AUTM 0110M |  |
| AUTM 0105: Steering/Suspension | 4 | C |  | S |  | AUTM 0101, AUTM 0106, AUTM 0120 |
| AUTM 0106: Brakes | 4 | C |  | S |  | AUTM 0101, AUTM 0105, AUTM 0120 |
| AUTM 0120: Automotive Heating and Air Conditioning | 4 | C |  | S |  | AUTM 0101, AUTM 0105, AUTM 0106 |
|  Total | **19** |  |  |  |  |  |
| Semester Three |
| GE Objective 2: COMM 1101 Principles of Speech | 3 |  | GE |  |  |  |
| AUTM 0103: Engine Performance | 8 | C |  | F |  | AUTM 0107, AUTM 0108 |
| AUTM 0107: Manual Drivetrains and Axles | 4 | C |  | F |  | AUTM 0103, AUTM 0108 |
| AUTM 0108: Automatic Transmission/Transaxles | 4 | C |  | F |  | AUTM 0103, AUTM 0107 |
|  Total | **19** |  |  |  |  |  |
| Semester Four |
| GE Objective 6: Social and Behavioral Ways of Knowing | 3 |  | GE |  |  |  |
| Elective GE: Any Objective Not Previously Applied | 3 |  | GE |  |  |  |
| AUTM 0109: Live Work | 8 | C |  | S, Su | AUTM 0100E, AUTM 0100M, AUTM 0100S, [AUTM 0101](http://coursecat.isu.edu/search/?P=AUTM%200101), [AUTM 0102](http://coursecat.isu.edu/search/?P=AUTM%200102), [AUTM 0105](http://coursecat.isu.edu/search/?P=AUTM%200105), [AUTM 0106](http://coursecat.isu.edu/search/?P=AUTM%200106), AUTM 0120 |  |
| AUTM 0201: Advanced Electrical Systems | 8 | C |   | S |  |  |
|  |  |  |  |  |  |  |
|  Total | **22** |  |  |  |  |  |
| \*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major\*\*See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)  |

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| **2019-2020 Major Requirements** | **CR** | **GENERAL EDUCATION OBJECTIVES****\* Satisfy 1, 2, 3, 6 and 3 cr. from 4, 5, 7 or 8** | **15 Cr.****Min** |
| **MAJOR REQUIREMENTS** | **64** | 1. Written English (6 cr. min) ENGL 1101 (or equivalent) | 3 |
| AUTM 0100E: Electrical Systems | 3 |   |  |
| AUTM 0100M: Engine Repair | 3 | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
| AUTM 0100S: Automotive Tech Fundamentals and Safety | 2 | 3. Mathematics (3 cr. min)  | 3 |
| AUTM 0101: Advanced Engine Mechanical and Repair | 4 | 4. Humanities, Fine Arts, Foreign Lang. |
| AUTM 0102: Automotive Electrical  | 8 |  |  |
| AUTM 0103: Engine Performance | 8 |  |  |
| AUTM 0105: Steering/Suspension | 4 | 5. Natural Sciences **(1 Course including a lab; 4 cr. min)**  |
| AUTM 0106: Brakes | 4 |  |  |
| AUTM 0107: Manual Drivetrains and Axles | 4 |  |  |
| AUTM 0108: Automatic Transmission/Transaxles | 4 | 6. Behavioral and Social Science **(1 course; 3 cr. min)** | 3 |
| AUTM 0109: Live Work | 8 |  |
| AUTM 0120: Automotive Heating and Air Conditioning | 4 |  |  |
| AUTM 0201: Advanced Electrical Systems | 8 | **One Course from EITHER Objective 7 OR 8** |  |
|  |  | 7. Critical Thinking  |
|  |  | 8. Information Literacy  |  |
|  |  | 9. Cultural Diversity  |
|  |  |  |
|  |  | General Education Elective to reach 15 cr. min.  | 3 |
|  |  |   |
|  |  |  **Total GE** | **15** |
|  |  | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/)  |  |
|  |  | **GENERAL EDUCATION OBJECTIVES****\* Satisfy 1, 2, 3, 6 and 3 cr. from 4, 5, 7 or 8** |
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|  |  |
|  |  | **MAP Credit Summary** | **CR** |
|  |  | Major  | 64 |
|  |  | General Education  | 15 |
|  |  | Free Electives to reach 60 credits | 0 |
|  |  |  TOTAL | **79** |
|  |  |  |
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|  |  |
|  |  | **Graduation Requirement Minimum Credit Checklist** | **Confirmed** |
|  |  | Minimum 15 cr. General Education Objectives (Associate) |  |
|  |  | Minimum 60 cr. Total (Associate) |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |
| **Advising Notes** | ***MAP Completion Status (for internal use only)*** |
|  |  | *Date* |
|  | *Department:*  |  |
|  | *CAA or COT:* | TIM 06/11/2019 |
|  | *Registrar:*  |  |
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 Form Revised 1.24.2018