

**Catalog Year 2018-2019**

ITC 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.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Course Subject and Title** | **Cr.** | **Min.**  **Grade** | **\*GE,**  **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | **Co Requisite** |
| Semester One | | | | | | |
| AUTM 0100E: Electrical Systems | 3 |  |  |  |  |  |
| AUTM 0100M: Engine Repair | 3 |  |  |  |  |  |
| AUTM 0100S: Automotive Tech Fundamentals and Safety | 2 |  |  |  |  |  |
| AUTM 0101: Advanced Engine Mechanical and Repair | 4 | C |  | F,S | AUTM 0100M |  |
| AUTM 0102: Automotive Electrical I | 4 | C |  | F,S |  | AUTM 0101 |
| Total | **16** |  |  |  |  |  |
| Semester Two | | | | | | |
| AUTM 0103: Engine Performance | 4 | C |  | F,S |  | AUTM 0104 |
| AUTM 0104: Automotive Electrical II | 4 | C |  | F,S |  | AUTM 0103 |
| AUTM 0105: Steering/Suspension | 4 | C |  | F,S |  | AUTM 0106 |
| AUTM 0106: Brakes | 4 | C |  | F,S |  | AUTM 0105 |
| Total | **16** |  |  |  |  |  |
| Semester Three (Summer) | | | | | | |
| AUTM 0201: Advanced Electrical Systems (Optional) | 8 | C |  | Su |  |  |
|  |  |  |  |  |  |  |
| Total | **8** |  |  |  |  |  |
| Semester Four | | | | | | |
| AUTM 0107: Manual Drivetrains/Axles | 4 | C |  | F,S |  | AUTM 0108 |
| AUTM 0108: Automatic Transmission/Transaxles | 4 | C |  | F,S |  | AUTM 0107 |
| AUTM 0109: Live Work | 8 | C |  | F,S, Su | AUTM 0101, AUTM 0102, AUTM 0103, AUTM 0104, AUTM 0105, AUTM 0106, AUTM 0107, AUTM 0108 |  |
|  |  |  |  |  |  |  |
| Total | **16** |  |  |  |  |  |
| \*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.) | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2018-2019 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** | **56-64** | 1. Written English (6 cr. min) ENGL 1101 (or equivalent) | | | | | |  |
| AUTM 0100E: Electrical Systems | 3 |  | | | | | |  |
| AUTM 0100M: Engine Repair | 3 | 2. Spoken English (3 cr. min) COMM 1101 | | | | | |  |
| AUTM 0100S: Automotive Tech Fundamentals and Safety | 2 | 3. Mathematics (3 cr. min) | | | | | |  |
| AUTM 0101: Advanced Engine Mechanical and Repair | 4 | 4. Humanities, Fine Arts, Foreign Lang. | | | | | | |
| AUTM 0102: Automotive Electrical I | 4 |  | | | | | |  |
| AUTM 0103: Engine Performance | 4 |  | | | | | |  |
| AUTM 0104: Automotive Electrical II | 4 | 5. Natural Sciences **(1 Course including a lab; 4 cr. min)** | | | | | | |
| AUTM 0105: Steering/Suspension | 4 |  | | | | | |  |
| AUTM 0106: Brakes | 4 |  | | | | | |  |
| AUTM 0107: Manual Drivetrains/Axles | 4 | 6. Behavioral and Social Science **(1 course; 3 cr. min)** | | | | | |  |
| AUTM 0108: Automatic Transmission/Transaxles | 4 |  | | | | | | |
| AUTM 0109: Live Work | 8 |  | | | | | |  |
| AUTM 0201: Advanced Electrical Systems (Optional) | 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. | | | | | |  |
|  |  |  | | | | | | |
|  |  | **Total GE** | | | | | | **0** |
|  |  | 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** | | | | | | |
|  |  |
|  |  |  | | | | | | |
|  |  |
|  |  |
|  |  | **MAP Credit Summary** | | | | | **CR** | |
|  |  | Major | | | | | 56 | |
|  |  | General Education | | | | | 0 | |
|  |  | Free Electives to reach 120 credits | | | | | 0 | |
|  |  | TOTAL | | | | | **56-64** | |
|  |  |  | | | | | | |
|  |  |
|  |  |
|  |  |
|  |  | **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 08/02/2018 | | | | | |
|  | | *Registrar:* |  | | | | | |
|  | |  | | | | | | |
|  | |
|  | |
|  | |

Form Revised 1.24.2018