Automotive Technology Management Major (Area 1 - Automotive Tech.), B.S. Degree (43-01838)

This guide is valid for the 2012 Undergraduate Catalog only and is subject to change. This guide is a recommendation only and your actual program may vary. The time it takes to complete a degree and the sequence in which courses are taken will depend on any credits transferred to UCM and on placement in math, reading, and writing. See the current Undergraduate Catalog (www.ucmo.edu/academics/catalogs) for a complete listing of academic policies, curriculum, prerequisites, and course descriptions.

### Freshman Year - Fall Semester
- ATM 1010 Contemporary Power Systems* (Hrs. 3)
- ENGL 1020 Composition I (Hrs. 3)
- ET 1010 Applied Electricity (Hrs. 4)
- MATH 1111 College Algebra (Hrs. 3)
- **Semester Total (Hrs. 13)**

### Freshman Year - Spring Semester
- ATM 1214 Automotive Braking Systems* (Hrs. 4)
- BTE 1210 Essentials of Managing Information (Hrs. 2)
- COMA 1000 Public Speaking (Hrs. 3)
- ENGL 1030 Composition II (Hrs. 3)
- MATH 1131 Applied Calculus or MATH 1300 Basic Stats. (Hrs. 3)
- **Semester Total (Hrs. 15)**

### Sophomore Year - Fall Semester
- ATM 2110 Engine Theory & Maintenance* (Hrs. 4)
- ATM 2130 Automotive Electrical Systems* (Hrs. 4)
- ATM 2150 Mobile HVAC* (Hrs. 3)
- PHYS 1104 Introduction to the Sciences: Physics (Hrs. 4)
- **Semester Total (Hrs. 15)**

### Sophomore Year - Spring Semester
- ACCT 2100 Survey of Accounting or ACCT 2101 Principles of Financial Accounting** (Hrs. 3)
- ATM 2132 Fuel Systems & Emission Controls* (Hrs. 4)
- ATM 3110 Automotive Engine Overhaul (Hrs. 4)
- CHEM 1103 Introduction to the Sciences: Chemistry (Hrs. 3)
- PSY 1100 General Psychology (Hrs. 3)
- **Semester Total (Hrs. 17)**

### Sophomore Year - Spring Semester
- ACCT 2100 Survey of Accounting or ACCT 2101 Principles of Financial Accounting** (Hrs. 3)
- ATM 2132 Fuel Systems & Emission Controls* (Hrs. 4)
- ATM 3110 Automotive Engine Overhaul (Hrs. 4)
- CHEM 1103 Introduction to the Sciences: Chemistry (Hrs. 3)
- PSY 1100 General Psychology (Hrs. 3)
- **Semester Total (Hrs. 17)**

### Junior Year - Fall Semester
- ATM 3120 Steering and Suspension Systems* (Hrs. 3)
- ECON 1010 Principles of Macroeconomics (Hrs. 3)
- INDM 4210 Industrial Management or MGT 3315 Management of Organizations** (Hrs. 3)
- General Education (Hrs. 3)
- **Semester Total (Hrs. 13)**

### Junior Year - Spring Semester
- ATM 3130 Computerized Engine Diagnostics* (Hrs. 4)
- ATM 3140 Transmissions & Driveaxles* (Hrs. 4)
- BLAW 2720 Legal Environment of Business (Hrs. 3)
- CTE 3060 Technical Writing (Hrs. 3)
- General Education (Hrs. 3)
- **Semester Total (Hrs. 17)**

### Junior Year - Spring Semester
- ATM 3130 Computerized Engine Diagnostics* (Hrs. 4)
- ATM 3140 Transmissions & Driveaxles* (Hrs. 4)
- BLAW 2720 Legal Environment of Business (Hrs. 3)
- CTE 3060 Technical Writing (Hrs. 3)
- General Education (Hrs. 3)
- **Semester Total (Hrs. 17)**

### Summer - Between Junior & Senior Year
- SOT 3022 Internship in Technology*** (Hrs. 3)
- **Semester Total (Hrs. 3)**

### Senior Year - Fall Semester
- ATM 3134 Advanced Powerplant Systems* (Hrs. 3)
- ATM 4032 Hydraulics & Pneumatics (Hrs. 3)
- MKT 3405 Marketing Policy** or HRM 3920 Human Resource Management (Hrs. 3)
- General Education (Hrs. 6)
- **Semester Total (Hrs. 15)**

### Senior Year - Spring Semester
- ATM 3150 Diesel Technology* (Hrs. 3)
- ATM 4134 Advanced Vehicle Systems* (Hrs. 2)
- ICAP 4112 Automotive Systems for Contemporary Society* (Hrs. 3)
- General Education (Hrs. 6)
- **Semester Total (Hrs. 14)**

Automotive Technology Management Major - Area 1 Automotive Technology, B.S. Degree

Automotive Technology Option - 122 hrs

- *This class is only offered during the semester indicated.
- **By selecting ACCT 2101, MGT 3315, and MKT 3405 in the major students can complete a minor in Business Administration. The only additional course needed is CIS 1600 (3 hours).
- ***SOT 3022 Internship (3 hours) should be done during the summer between junior/senior year.
- To satisfy the General Education Assessment Policy students must take the GEA exam during the semester in which a total of 45 credit hours will be earned. The minimum score of 425 must be achieved by the semester in which 75 credit hours will be earned. Go to UCM Testing Services in MyCentral for more information.