

UNIVERSITY OF CENTRAL MISSOURI

Metropolitan Community College Associate of Arts

to

UCM Bachelor of Science in Automotive Technology Management: Area 2

YEARS 1 AND 2 AT Metropolitan Community College

Complete the Associate in Arts (A.A.) degree and include the following courses in the A.A. course of study: UCM Equivalencies in parenthesis

	Minimum Hours
Communications	9
COMM 100 Fundamentals of Speech (COMM 1000)	3
Choose 6 hours in above area from the MCKC AA Catalog	
Mathematics	3
MATH 120 College Algebra (MATH 1111)**	3
American Institutions	3
Choose 3 hours in above area from the MCKC AA Catalog	
Sciences	7
PHYS 101 Introductory Physics with Lab (PHYS 1101)	*5
Choose 2 hours in above area from the MCKC AA Catalog	
Western Civilization	3
Choose 3 hours in above area from the MCKC AA Catalog	
Social Sciences	3
Choose 3 hours in above area from the MCKC AA Catalog	
Humanities	3
Choose 3 hours in above area from the MCKC AA Catalog	
Humanities Appreciation	3
Choose 3 hours in above area from the MCKC AA Catalog	
Common Core Electives	3-8
ECON 210 Macroeconomics (ECON 1010)	3
Choose 0-5 hours in above area from the MCKC AA Catalog	
General Degree Requirements	7
CSIS 115 Computer Concepts and Applications (CIS 1600)**	3
COLL 100 First Year Seminar	1
HUMN 165 American Humanities: Diversity in the American Experience (ECEL 2110)**	3
Electives	*11
**Course fulfills a major requirement at UCM and if not taken as part of AA must be taken at UCM	
MATH 115 Statistics (ACST 1300)**	-or-
MATH 175 Cal. for Business and Social Sci. (MATH 1131)**	3
ENGL 215 Technical Writing (CTE 3060) **	3
AUTO 100 Introduction to Auto Service (AUTO 1010)**	*2
AUTO 150 Automotive Engine Repair (AUTO 2110 AND AUTO 3110)**	*6
AUTO 166 Automotive Electrical Systems (ET 1010)**	*6
AUTO 171 Automotive Chassis Systems (ATM 2124 AND ATM 3120)**	*6
AUTO 279 Automotive Electronic Systems (ATM 2130)**	*6
BSAD 100 Introduction to Accounting (ACCT 2100)**	-or-
BSAD 101 Accounting Principles (ACCT 2101)**	3
BSAD 270 Legal Environment of Business (BLAW 2720)**	3
ETEC 152 Engineering Graphics and CADD (CADD 1105, CADD 1110 AND CADD 1170)**	*5

YEARS 3 AND 4 AT UCM

	Minimum Hours
Major Requirements	*77-81
Technical Courses	*27
ATM 2132 Engine Performance I	4
ATM 3130 Engine Performance II	4
ATM 3134 Advanced Powerplant Systems	3
ATM 3150 Diesel Technology	4
ATM 4032 Hydraulics & Pneumatics	3
ATM 4112 ATM Capstone Experience	3
ATM 4130 Comprehensive Vehicle Diagnostics	4
ATM 4134 Advanced Vehicle Systems	2
Management Courses	*9
SOT 3022 Internship in Technology	3
INDM 4210 Industrial Management	-or-
MGT 3315 Management of Organizations	3
MKT 3405 Marketing Policy	-or-
HRM 3920 Human Resource Management	3
Area 2: Design Technology	*3-4
Electives from the following	3-4
ATM 4038 Advanced Hydraulics	3
CADD 2140 Computer-Aided Drafting & Design for Engineering Technology	3
CADD 4180 Industrial Design	3
CMGT 2020 Statics	3
<i>Can be taken at MCC as ENGR 240 Mechanics of Materials</i>	
ENGT 2040 Engineering Material Science	4
ENGT 2530 Machine Tool Technology	3
ENGT 4520 Robotics & Automation	3
General Education Requirements	*3
CS 1030 Introduction to Computer Programming	3

* Exact hours may vary depending on transfer coursework

Dual Admission is recommended for students planning to transfer credits from SFCC to UCM for this program, as it will enable early advising from the assigned academic advisor in the College of Health, Science, and Technology at UCM.

This guide is based on the UCM 2016 Undergraduate Catalog and is subject to change.

Minimum Hours Required for A.A.: 60

Minimum Hours Required for B.S.: 120-124

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VALIDITY OF THIS TRANSFER GUIDE

This guide is based on the UCM 2016 Undergraduate Catalog and is subject to change. This guide is a recommendation only and your actual program may vary. Time to degree completion and course sequencing will depend on any credits transferred to UCM and on planned placement in math, reading, and writing. See the current UCM Undergraduate Catalog and MCKC Course Catalog for a complete listing of academic policies, curriculum, prerequisites, and course descriptions.

GENERAL EDUCATION REQUIREMENTS

Students who hold an Associate in Arts Degree from MCKC or have met the Missouri 42-hour General Education Core requirements are considered to have fulfilled all UCM General Education requirements, except specific general education classes required by this major. Lists of General Education Requirements can be found in the UCM Catalog.

For those students with an associate degree other than the Associate of Arts or who have not completed the A.A. degree, transfer courses are evaluated on a course-by-course basis.

REQUIREMENTS FOR THIS MAJOR

- Minimum of 120 hours
- Minimum of 30 hours of upper-level credit (3000/4000 level). Courses taken at a two-year college MAY be articulated for an upper-level course but WILL NOT count towards upper-level hour requirements.
- Minimum of 12 hours of upper-level credit (3000/4000 level) in major
- No minor is required for this degree.
- No modern language is required for this degree.

RESIDENCY REQUIREMENTS FOR A DEGREE AT UCM

A candidate for any bachelor's degree must have earned the following minimum hours at UCM:

- 30 hours overall
- 20 upper-level hours (3000/4000 level courses)
- 15 hours in the major
- 9 upper-level hours in the major
- 9 hours in minor (if applicable)
- 1 upper-level hour in minor (if applicable)
- The last 12 semester hours required for the degree

GPA REQUIRED FOR GRADUATION

Students must achieve a minimum GPA of 2.00 in all GPAs to qualify for graduation. This includes cumulative GPA, UCM GPA, major GPA, and minor GPA (if applicable). Some degrees have additional GPA requirements.

DUAL ADMISSION

Students are encouraged to apply for dual admission during their first semester at MCKC to coordinate associate degree completion with degree requirements at UCM. To learn more visit www.ucmo.edu/undergrad/dualadmissions.cfm.

GENERAL EDUCATION ASSESSMENT

All UCM students are required to pass a General Education Assessment (GEA). Students transferring in more than 45 hours are required to take the test during their first semester at UCM. Testing Services can be contacted by phone at (660) 543-4919 or by e-mail at testingservices@ucmo.edu. To learn more visit www.ucmo.edu/assessment/documents/gened_policy.pdf

CATALOGS

Metropolitan Community College catalog: [http://www.mckc.edu/PDF/MCC Online Catalog 2016-2017.pdf](http://www.mckc.edu/PDF/MCC%20Online%20Catalog%202016-2017.pdf)

UCM catalog: www.ucmo.edu/catalogs

TRANSFER WORK

Arrange for all transfer work to be posted at UCM at the time of application. An official transcript must be received at UCM directly from each school attended. Individual transfer equivalencies can be found online at www.ucmo.edu/corequiv. Transcripts can be sent to: University of Central Missouri, Office of Admissions, Ward Edwards 1400, Warrensburg, MO 64093

UCM TRANSFER ADVISORS

UCM advisors for programs in the College of Health, Science, and Technology (CHST) are located in the CHST Advising Center located in Administration 105. Contact your advisor by calling (660)543-4554 or by email chstadvising@ucmo.edu.

UCM DEPARTMENT CONTACT

The School of Technology is located in Grinstead, Room 009. You can contact them by telephone at (660) 543-4439. To learn more visit www.ucmo.edu/technology.
