

UNIVERSITY OF CENTRAL MISSOURI

Moberly Area Community College Mechatronics A.A.S.

to

UCM B.S. in Technology Management: Management (2 + 2)

Years 1 and 2 at Moberly Area Community College (UCM Equivalencies are in parenthesis)	YEARS 3 AND 4 AT UCM (MACC equivalencies are in parenthesis)
COMMUNICATION – 6 Credit Hours	MAJOR REQUIREMENTS – 18 Credit Hours
**LAL 101 Composition I (ENGL 1020) <i>or</i>	ENGT 4580 Quality Systems Engineering 3
**IND 120 Technical Report Writing (CTE 3060)	INDM 4015 Legal Aspects of Industry 3
**SPK 101 Public Speaking (COMM 1000)	INDM 4210 Industrial Management 3
HUMANITIES – 3 Credit Hours	ENGT 3510 Project Management for Engineering Technology 3
Choose one course from either Group	INDM 4260 Organizational Dynamics 3
Group 1 - DRM 120 (THEA 2400), MUS 102 (MUS 1210)	TECH 4950 Seminar in Technology Management 3
MUS 105 (GNED 1910)	OPTION 1 MANAGEMENT – 14 Credit Hours
Group 2 - FLN 101 (SPAN 1601), FLN 102 (SPAN 1602),	INDM 4220 Human Factors Engineering 3
FLN 111 (FREN 1201), PHI 150 (PHIL 1000)	INDM 4230 Lean and Quality Management 3
SOCIAL AND BEHAVIORAL SCIENCES – 3 Credit Hours	INDM 4240 Facilities Engineering 3
**HST 105 American History to 1865 (HIST 1350) <i>or</i>	SOT 3022 Internship in Technology 3
**HST 106 American History from 1865 (HIST 1351) <i>or</i>	Departmentally approved electives 2
**PSC 105 Functions & Policies of Amer. Gov. (POLS 1510)	GENERAL EDUCATION REQUIREMENTS – 21 Credit Hours
PHYSICAL AND BIOLOGICAL SCIENCES – 5 Credit Hours	Foundation Skills Area
**PHY 125 Foundations of Physics (PHYS 1104)	Writing I and II 6
MATHEMATICS – 3 Credit Hours	CTE 1210 Managing Info. (3)
**MTH 140 Precalculus Algebra (MATH 1111)	If LAL 101 was completed at MACC, then take
LIFE SKILLS – 1 Credit Hours	CTE 3060 Technical Writing
SKL 101 College Orientation 1	If IND 120 was completed at MACC, then take
CORE COURSE REQUIREMENTS – 43 Credit Hours	ENGL 1020 Composition I
AMD 110 Industrial Print Reading: CPT2 3	Knowledge Area I
EET 100 DC/AC Electronics 3	Literature 3
EET 101 Industrial Electricity 3	ENGL 2200 (LAL 120), ENGL 2205 (LAL 121), ENGL 2210 (LAL 150)
EET 110 Digital Electronics & Control 3	ENGL 2215 (LAL 151), ENGL 2220 (LAL 210), ENGL 2220 (LAL 211)
EET 111 Electric Motor Controls 3	Fine Arts 3
EET 213 Process Control and Instrumentation 3	<i>(Disregard if a course has been taken at MACC from the Humanities Group 1 to fulfill the Humanities requirement)</i>
EET 214 Programmable Logic Controls 3	ART 1800, ART 1835, COMM 3000, DANC 2100, THEA 2400
EET 216 Advanced PLCs 3	(DRM 120), MUS 1210 (MUS 102), MUS 1220, MUS 1281
EET 220 Robotics & Integrated Manufacturing 3	Additional course from Knowledge Area I 3
IND 100 Ind. Safety & Mfg. Processes (sub for INDM 4010) 3	<i>(Disregard if a course has been taken at MACC from the Humanities Group 2 to fulfill the Humanities requirement)</i>
IND 101 Fundamentals of Industrial Maintenance: CPT4 3	Choose one additional course from the Literature or Fine Arts category or from the following:
IND 105 Fluid Power Systems 3	FREN 1201 (FLN 111), FREN 1202, GER 1301, GER 1302,
IND 200 Mechanical Systems 3	SPAN 1601 (FLN 101), SPAN 1602 (FLN 102), SPAN 2601,
SKL 250 Employment Seminar <i>or</i> 1-2	SPAN 2602, PHIL 1400, COMM 1200 or PHIL 1000 (PHI 105)
IND 295 Industrial Technology Internship	Knowledge Area II
**Course fulfills a major requirement at UCM and if not taken as part of AAS must be taken at UCM	Additional course from Knowledge Area II 3
	Choose an additional math or science course from <i>The General Education Program</i> at catalog.ucmo.edu.
	Knowledge Area III
	Social/Behavioral Sciences 3
	ECON 1010 Principles of Macroeconomics (ECN 101)
	Additional course from Knowledge Area III 3
	Choose an additional History or Social/Behavioral Sciences course from <i>The General Education Program</i> at catalog.ucmo.edu.
	Engagement
	CTE 3116 Creative Thinking for a Better World 3

Minimum Hours Required for A.A.S.: 60

Minimum Hours Required for B.S.: 120

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VALIDITY OF THIS TRANSFER GUIDE

This guide is based on the UCM 2017 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 MACC 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 MACC 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 MACC 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

Moberly Area Community College catalog:

https://www.macc.edu/images/aboutmacc/catalogs1/2016-2018_MACC_CATALOG_May%2026_17CC.pdf

UCM catalog: <https://www.ucmo.edu/current-students/office-of-the-registrar-and-student-records/catalogs/index.php>

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 all programs in the University are associated with Success Advising, located in the Success Advising Center in Union 128. Contact your advisor by calling (660)543-4721 or by email success@ucmo.edu

Advisor Portal: <https://www.ucmo.edu/current-students/student-services/success-advising/index.php>

UCM DEPARTMENT CONTACT

The School of Technology is located in the Grinstead Building, Room 009. To learn more visit www.ucmo.edu/technology.
