

# EASTERN MICHIGAN UNIVERSITY

## ARTICULATION GUIDE

May 2006

### Mott Community College – Approved Technical Program Eastern Michigan University – Bachelor of Science in Applied Technology

**Purpose:** Bring a copy of this articulation agreement to all advising sessions.

This 3 + 1 agreement was developed to provide a smooth curriculum transition for students who want to complete a technical program at Mott Community College and transfer to EMU to earn a Bachelor of Science in Applied Technology. The agreement is designed to minimize loss of credits and duplication of coursework in transferring.

#### Requirements:

1. Complete an approved technical program or 34 hours in an approved technical discipline at Mott Community College and the coordinated program of study for the Applied Technology program at EMU as indicated in this articulation guide. Students may use equivalent courses from other accredited colleges. Any course substitutions should be made with the guidance of an advisor or counselor to assure that all requirements are met.
2. Students whose transcripts are endorsed as “MACRAO Satisfied” by the community college will only be required to meet EMU’s additional four general education requirements, indicated in the articulation guide with a “1” and listed below:
  - a) a course in advanced composition, advanced speech, or a foreign language [COMM 132 at MCC]
  - b) a course in mathematical reasoning [MATH 169 at MCC]
  - c) a cross-cultural course [ENGL 223 or 228 at MCC]
  - d) a course in computer literacy [COMI 160 at MCC]

*To use MACRAO, students should request a MACRAO evaluation of their transcript in the Community College Student Records or Registrar’s Office. Students who do not satisfy MACRAO will have to complete all of EMU’s general education requirements.*

3. Only courses with a grade of “C” or better (2.0 on a 4.0 scale) will be accepted for transfer to EMU. A Course completed with a grade of less than 2.0 will not transfer to EMU, even though it may be used to satisfy MACRAO at the community college.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be taken at EMU, 21 hours of which must be in the major with 15 hours at the 300/400 level. Of the last 30 hours completed before graduating, a minimum of 10 credit hours must be in courses offered by EMU. A minimum of 124 credit hours, completed in-residence or accepted in transfer, is required for graduation.
5. Students must meet all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. MCC students will receive equal consideration with other students for course registration and financial aid.
6. Students should contact the Applied Technology Program Coordinator early, before completing an admission application to EMU. To facilitate the evaluation of transcripts, students should enclose a copy of their articulation guide with their EMU admission application and bring a copy to all advising sessions. Copies of the articulation guide are available on EMU’s webpage at [www.emich.edu/ccr/artguide.htm](http://www.emich.edu/ccr/artguide.htm).

**Effective Dates: May 1, 2006 until May 1, 2009.** In the fall semester of 2007 this agreement will be updated to be consistent with the new general education requirements that go into effect at EMU. MCC students, who began this articulated program prior to fall 2007, may continue to follow the requirements in place at the time they started. Students who begin at MCC during or after the fall semester of 2007 will have to satisfy the new General Education requirements. If this agreement is not renewed at the end of the effective period, students who already began the program will have an additional five years to be admitted to EMU under the terms of the agreement. Students who began their technical program at Mott prior to April 1, 2006 may use this agreement.

#### Contacts:

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May 2006

**Mott Community College – Approved Technical Program  
EMU – Applied Technology**

**Mott Community College**

**Eastern Michigan University**

<b>MACRAO Requirements</b>	<b>(33 credits)</b>	<b>(33 credits)</b>
<b>1. English Writing Requirement</b>	<b>(6credits)</b>	<b>(6 credits)</b>
ENG 101 English Composition .....	3	ENGL 120 English Composition I (elective credit) ..3
ENG 102 English Composition .....	3	ENGL 121 English Composition II .....
<b>2. Math/Science Requirement</b>	<b>(8credits)</b>	<b>(8 credits)</b>
*CHEM 111 General Chemistry .....	4	CHEM 117&118 Fund of Chemistry .....
*MATH 161 College Algebra .....	4	MATH 105 College Algebra 3 + (1) .....
<b>3. Humanities Requirement</b>	<b>(9credits)</b>	<b>(must be from at least two disciplines) (9 credits)</b>
<sup>1</sup> Choose one course:.....	3	One cross-cultural or international studies course ...3
ENGL 223 American Black Lit (3)		ANTH 236 Peoples & Cultures of Africa (3)
ENGL 228 Latin American Lit		LITR BASX 3
COMM 131 Fund of Communication .....	3	CTAS 121 Fund. of Speech (2) +1 .....
Choose one course.....	3	One course: .....
ART 111, 116, 118, 121, 122, 214, 215;		Courses will transfer as equivalent courses
ENGL 205, 210, 211, 212, 220, 221, 222,		General Education transfer credit
223, 225, 226, 227, 231, 232, 240, 241,		or general transfer credit
242, 251, 252, 271, 299; FILM 249, 250;		
MUS 180, 181, 182, 184, 186;		
PHIL 101, 165, 251, 295, 299;		
THTR 254, or course approved by Mott to		
satisfy the MACRAO Humanities Requirement		
<b>4. Social Science Requirement</b>	<b>(10credits)</b>	<b>(10 credits)</b>
ECON 221 Principles of Economics .....	3	ECON 201 Principles of Macroeconomics .....
PSCN 171 Introduction to American Government .....	4	PLSC 112 American Government 3+ (1).....
PSYC 281 General Psychology.....	3	PSY 101 General Psychology .....
<b>Technical Concentration</b>	<b>(34 credits)</b>	<b>(34 credits)</b>
<p>Thirty-four (34) credits in technical courses from an approved MCC program/discipline may be transferred as a block for the technical concentration. If the program has less than 34 technical credits, related technical courses may be taken at either institution to make up the difference. .... 34</p>		
		Technical Concentration .....34
<b>Additional Required Courses That May be Taken at MCC</b>		<b>(36 credits)</b>
<sup>1</sup> COMM 132 Advanced Communication .....	3	CTAC 224 Public Speaking.....
HEAL 105 or 110 or 140 .....	3	PEGN 210 Lifetime Wellness & Fitness (2)+1 .....
MATH 163 Plane Trigonometry .....	3	MATH 107 Plane Trigonometry (2)+1 .....
<sup>1</sup> MATH 169 Probability and Statistics .....	4	MATH 170 Elementary Statistics (3)+1 .....
PHYS 281 General College Physics I.....	4	PHY 221 Mechanics, Sound and Heat .....
PHYS 282 General College Physics II.....	4	PHY 222 Electricity and Light .....
<sup>1</sup> COMI 160 Intro to Business Data Processes .....	3	IS 215 or any approved Computer Literacy Course .3
Open Elective .....	3	University Elective (credits to bring the total to 124) 3
<b>Maximum Credits at Mott: .....</b>	<b>94</b>	<b>Credits that transfer to EMU .....</b>
		<b>94</b>

*\*This is a requirement for EMU's Applied Technology program. Other courses for MACRAO may vary if approved by Mott CC.*

<sup>1</sup> Satisfies one of EMU's four additional general education requirements for MACRAO, see page 1, #2 for more information.

<sup>2</sup> Students must place into math courses either by placement exam or completing the required prerequisite course.

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Mott Community College  
Applied Technology

**30 credit hours from the EMU School of Engineering Technology offered at Mott**

**Major Requirements (21 credits)**

- \*\* Restricted Electives (100-400 level)..... 6
- \*\* Restricted Electives (300-400 level)..... 15

**Elective Credits (9 credits)**

An additional 9 credit hours must be completed in courses offered by EMU. May include courses offered by the School of Engineering Technology.

**Minimum Credits in Courses offered by EMU:..... 30**

**Minimum Credits to Graduate: ..... 124**

*\*\*All restricted electives must be approved by the EMU program advisor. For this program, restricted electives will be offered by EMU's School of Engineering Technology at the Mott Community College campus. See the list of courses below.*

EMU will offer 30 credit hours of program coursework at Mott Community College. Such coursework will include the major requirements and an additional nine credit hours of appropriate electives. The list below is an example of courses intended to meet this requirement. This list is subject to revision at any time based on the needs of participants and dialog between the EMU School of Engineering Technology and Mott's Technology Division.

- MFG 103 Introduction to Automation ..... 3
- MFG 203 Industrial Operations ..... 3
- MFG 140 Science, Technology & People ..... 3
- MFG 387 Cooperative Education (arranged with advisor) .... 3
- CADM 360 Computer Integrated Manufacturing Oper ..... 3
- FMGT 202 Intro to Facility Management..... 3
- FMGT 424 Industrial Plant Facilities & Planning ..... 3
- QUAL 320 Industrial Quality Control ..... 3
- Electives (at least 3 credits at the 300/400 level) ..... 6

*Electives may include courses from the School of Engineering Technology or any other department at EMU.*

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**Approved Technical Programs/Disciplines at Mott Community College**

Applied Technology  
Auto Body Repair & Painting  
Automotive Technology  
Computer Occupations Technology  
Computer Software Applications  
Customer Energy Specialist  
Design Engineering Technology  
Electronics Technology

Industrial Technology (Apprentice Prep)  
Manufacturing Simulation Technology  
Mechanical Engineering Technology  
Production Operations Management  
Quality Assurance Management  
Vehicle Design  
Other programs may be used with approval of the Program Coordinator