

**EASTERN MICHIGAN UNIVERSITY
ARTICULATION GUIDE**

September 2009

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

Mott Community College

Eastern Michigan University

MACRAO Requirements	(32 credits)	(32 credits)
1. English Writing Requirement	(6 credits)	(6 credits)
ENG 101 English Composition.....	3	ENGL 120 English Composition I (elective credit).....
ENG 102 English Composition.....	3	ENGL 121 English Composition II
2. Math/Science Requirement	(8 credits)	(8 credits)
* ¹ MATH 130 Coll Algebra (complete at Mott CC).....	4	MATH 105 College Algebra 3 + (1).....
Complete one course:.....	4	One course:.....
*CHEM 111 General Chemistry (4)		CHEM 117&118 Fund of Chemistry (4)
*PHYS 281 General College Physics I (4)		PHY 221 Mechanics, Sound and Heat (4)
3. Humanities Requirement	(9 credits)	(9 credits)
Complete three courses: See note below	9	Three courses:
Choose from courses approved by Mott to satisfy The MACRAO humanities requirement.		Courses may transfer as equivalent courses, General Education transfer credit, or general transfer credit.
4. Social Science Requirement	(9 credits)	(9 credits)
Complete three courses: See note below	9	Three courses:
Choose from courses approved by Mott to satisfy The MACRAO humanities requirement.		Courses may transfer as equivalent courses, General Education transfer credit, or general transfer credit.
NOTE: <i>In completing the Humanities and Social Science Requirements for MACRAO, choose one course from the following to satisfy EMU's Global Awareness/US Diversity requirement: Social Science: ANTH 200, 211; GEOG 142; HIST113, 152, 153, 157, 159; HREL151, 299; PSCN 275; SOCY 294; Humanities: ENGL 220, 223, 228, 235</i>		
Technical Concentration	(34 credits)	(34 credits)
* Thirty-four (34) credits in technical courses from an approved Mott Community College program or discipline may be transferred as a block for the technical concentration. If the program has less than 34 credits, approved technical courses may be taken at either institution to make up the difference.....		
	34	Technical Concentration.....
EMU requirements That May be Taken at MCC		(28 credits)
*MATH 140 Trigonometry.....	3	MATH 107 Plane Trigonometry (2)+1.....
Complete the course not taken for MACRAO:	4	One course:.....
* CHEM 111 General Chemistry (4)		CHEM 117&118 Fund of Chemistry (4)
* PHYS 281 General College Physics I (4)		PHY 221 Mechanics, Sound and Heat (4)
*PHYS 282 General College Physics II.....	4	PHY 222 Electricity and Light
Open Elective (not to exceed 94 credits at MCC)	17	University Electives
Maximum Credits at Mott:	94	Credits that transfer to EMU
		94

*Required for EMU's Applied Technology program.

¹ MATH 161 must be completed at Mott to satisfy EMU's Quantitative Reasoning Requirement. If completed at EMU, MATH 110 will also be required.

NOTE: *Students who want to complete a certificate or associate degree should consult a Mott Community College counselor to select the appropriate courses. See page 2 for list of approved programs.*

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Completion of EMU’s Applied Technology Program

Major Requirements (24 credits)

SET 350W Applied technical Writing.....	3
** Restricted Electives	6
Select six hours at the 100 to 400-level in consultation with an Applied Technology program adviser.	
** Restricted Electives	15
Select fifteen hours of restricted electives at the 300-400-level in consultation with an Applied Technology program adviser.	

Additional Requirement (0-3 credits)

¹ One LBC course or noncredit experience must be completed. PDD 387 Cooperative Education satisfies the LBC requirement.

University Electives (3-6)

Enough electives to bring the program total to 124 credits.

Minimum Credits at EMU:30

Minimum Credits to Graduate124

Thirty Credit Hours of EMU courses offered at Mott

For this program, restricted electives will be offered by EMU’s School of Engineering Technology at the Mott Community College campus. 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.

SET 350W Applied technical Writing.....	3
CADM 360 CIM Operations.....	3
FMGT 202 Intro to Facility Management	3
FMGT 424 Industrial Plant Facilities & Planning	3
PDD 103 Introduction to Automation.....	3
PDD 140 Science, Technology & People.....	3
PDD 203 Industrial Operations.....	3
¹ PDD 387 Cooperative Education (arranged with advisor).....	3
PDD421 Manufacturing Engineering Analysis	3
PDD 470 Integrated Product and Process Design	3
PDD 492 Product Realization Studio	3
QUAL 320 Industrial Quality Control	3

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

Air Conditioning Heating & Refrig Technology
Applied Technology
Auto Body Repair & Painting
Automotive Technology
Building & Construction Technology
Communications Technology
Computer Aided Drafting & Design
Computer Information Systems
Computer Network Administration
Computer Network Engineering
Computer Occupations Technology
Customer Energy Specialist
Electronics & Electrical Technology
Fire Protection Technology
Industrial Technology (Apprentice Prep)
Manufacturing Simulation Technology
Mechanical Operations Technology
Quality Assurance
Web Development
Other programs approved by the EMU Applied Technology Program Coordinator

¹ Satisfies EMU’s Learning beyond the Classroom requirement.

** All restricted electives must be approved by an Applied Technology Program Advisor.

NOTE: If 94 credits are not transferred, additional electives must be completed at EMU to reach the minimum of 124 credit hours required to graduate.

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Additional Information:

1. In completing the coordinated program of study for this articulation agreement, course substitutions should be made with the guidance of the advisors (indicated below) at both institutions to assure that all requirements are satisfied. Courses indicated with an * are required for EMU's Applied Technology Program.
2. Students whose transcripts are endorsed as "MACRAO Satisfied" will only be required to meet three of EMU's general education requirements, noted on the articulation guide and listed below. These requirements may be completed at the most appropriate time for the student whether before or after admission to EMU:
 - a) an approved course in Quantitative Reasoning: [MATH 130 at Mott] or [MATH 110 at EMU]
 - b) an approved course in Global Awareness or US Diversity: [ANTH 200, 211; ENGL 220, 223, 228, 235; GEOG 142; HIST113, 152, 153, 157, 159; HREL151, 299; PSCN 275; SOCY 294 at Mott]
 - c) an approved Learning Beyond the Classroom course or experience offered by EMU. [MFG 387 or other approved option at EMU]

To use MACRAO, students should request a MACRAO evaluation of their transcript from the Mott Registrar's Office. Students who do not satisfy MACRAO will have to satisfy EMU's general education requirements as listed in the undergraduate catalog.

3. Only courses with a grade of "C" or better (2.0 on a 4.0 scale) will be accepted for transfer to EMU.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be completed in courses offered by EMU, 15 hours of which must be in program requirements at the 300-level or above. 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 are encouraged to contact the Applied Technology Program Coordinator early, before applying to EMU. To facilitate the evaluation of transcripts, students should indicate they are following this articulation guide on 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_new.htm.

Effective Dates: September 1, 2009 until August 31, 2012.

This agreement replaces the Applied Technology agreement that was made in May 2006 and all subsequent updates. Students who began this program prior to the effective date have the option to continue to follow the guide that was in place at the time they started or to follow this guide. If this agreement is not renewed at the end of the effective period students who already started the program will be given three additional years to be admitted to EMU under the terms of this agreement.

Contacts:

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