

EASTERN MICHIGAN UNIVERSITY

ARTICULATION GUIDE

September 2006

Macomb 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 an approved technical program at MCC 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 MCC and the coordinated program of study for the Applied Technology program at EMU as indicated in this articulation guide. 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 [ENGL 324 at EMU]
 - b) A course in mathematical reasoning [MATH 170 at EMU]
 - c) A cross-cultural course [approved course taken at EMU]
 - d) A computer literacy course [ITBS 1650, ITCS 1010, 1400, 2590 or 2600 at MCC], or [CADM 105 at EMU]

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 less than 2.0, which is counted toward graduation at the community college, may be used to satisfy the MACRAO agreement. However, the course will not transfer and will have to be repeated if it is a requirement of the Applied Technology program at EMU.
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, 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 should contact the Applied Technology Program Coordinator early, before applying 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.

Effective Dates: September 1, 2003. This agreement has been **extended until September 1, 2007**. Students who started this program agreement at MCC prior to the ending date will have three additional years to be admitted to EMU under the terms of the agreement. Students should check with an advisor each semester to find out if there are changes to the curriculum at either school.

Contacts:

Macomb Community College

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Eastern Michigan University

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Macomb Community College Courses:

Transfers to EMU as:

MACRAO Requirements (31-34 credits)

(31-34 credits)

1. English Writing Requirement (6-8 credits)

ENGL 1180 or ENGL 1210 3-4
 ENGL 1190 or ENGL 1220 3-4

ENGL 120 English Composition I 3-4
 ENGL 121 English Composition II 3-4

2. Math/Science Requirement (8 credits)

CHEM 1050 Introduction to General Chemistry 4
 PHYS 1180 College Physics 1 4

CHEM 117/118 Fundamentals of Chemistry with Lab4
 PHY 221 Mechanics, Sound & Heat 4

3. Social science Requirement (9 credits) (courses must be from at least two disciplines)

¹ Choose one course: 3
 HIST 1260, 1270, 2420, or 2520
 Complete two courses from the disciplines below: 6
 Anthropology, Economics, Geography, History,
 Political Science, Psychology, Sociology, or
 Social Science

Cross Cultural Requirement: 3
 HIST BASX General Education Cross-Cultural
 two courses 6
 Courses will transfer as equivalent courses or
 General Education transfer credit or general
 transfer credit

4. Humanities Requirement (8-9 credits) Choose from at least two disciplines, except when a foreign language is taken.

Complete two or three courses from the disciplines
 below for a minimum of 8 credits: 8-9
 Art, Creative Writing, Foreign Language,
 Humanities, Literature, Music, Philosophy,
 Theater Arts

two or three courses 8-9
 Courses will transfer as equivalent courses or
 General Education transfer credit or general
 transfer credit

Additional Graduation Requirement (2 credits)

PHED 2000 Wellness-Focus Fitness 2

(2 credits)
 PEGN 210 Lifetime Wellness & Fitness 2

² Technical Concentration (34 credits)

A maximum of 34 credits in technical specialty
 courses from an approved MCC program (see list of
 approved programs on page 3) 34

(34 credits)
 Technical Concentration 34

Additional Requirements that may be taken at MCC or EMU (13-14 credits)

MATH 1420 College Algebra 3
 MATH 1430 College Trigonometry 3
 PHYS 1190 College Physics 2 4
 Choose one course from the following: 3-4
 ITBS 1650 Integrated Appl for Office Prof (3)
 ITCS 1010 Computer & Info Processing Princ (4)
 ITCS 1400 Micros in Business (4)
 ITCS 2590 Java I (4)
 ITCS 2600 Intermediate Java (3)

MATH 105 College Algebra 3
 MATH 107 Plane Trigonometry (2) + 1 3
 PHY 222 Electricity & Light 4
 One course: 1-4
 BEDU 201 Microcomp for Business Appl
 IS 215 or INDT 201 or COSC BAS
 COSC BAS
 COSC 111 Intro to Programming
 CISC BAS or COSC 111

Open Electives (10-14 credits)

Electives (not to exceed 94 credits at MCC) 10-15

(10-14 credits)
 University Electives 10-15

Maximum Credits at MCC 94

Maximum Credits that transfer to EMU 94

¹ Satisfies one of EMU's four general education requirements in addition to MACRAO, see page 1, #2 for more information.

² Students must complete a technical concentration of 34 credits. If the MCC approved program requires less than 34 technical credits, additional courses in the same or a related discipline may be completed at either institution to make up the difference. See advisor to select courses.

Note: If a MCC course has more credits than the EMU equivalent course, the additional credits will be included in the program total as general transfer credit.

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Completion of the Applied Technology Program at EMU

Other Requirements (9 Credits)

| | | |
|-----------------------|--|---|
| ¹ ENGL 324 | Principles of Technical Communication..... | 3 |
| ¹ MATH 170 | Elementary Statistics..... | 3 |
| | University elective..... | 3 |

Major Requirements (21 Credits)

| | | |
|----|---|----|
| ** | Restricted Electives (100-400 level) See advisor to select courses..... | 6 |
| ** | Restricted Electives (300-400 level) See advisor to select courses.... | 15 |

Minimum Credits at EMU..... 30

Minimum Credits Required for a Bachelor's Degree..... 124

¹ Satisfies one of EMU's four additional general education requirements for MACRAO, see page 1, #2 for more information.
** All restricted electives must be approved by an Applied Technology Program Advisor.

Approved Macomb Community College Technical Programs/Disciplines

Applied Technology and Apprenticeship
Architectural Technology – all options
Automotive Technology – all options
Civil Technology
Climate Control Technology – all options
Comprehensive Automotive Training
Construction Technology
Customer Energy Specialist
Electronic Technology – all options
Land Surveying Technology
Plant Maintenance
Manufacturing Engineering
Product Development – all options
Quality Systems Technology – all options
General Studies Degree with 34 technical credits in any of the approved program disciplines above