

EASTERN MICHIGAN UNIVERSITY

ARTICULATION GUIDE

June 2006

Macomb Community College – Associate Degree in an Approved Technical Program
Eastern Michigan University – Bachelor of Science in Technology Management

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 or courses in a technical discipline at MCC and transfer to EMU to earn a Bachelor of Science in Technology Management. The agreement is designed to minimize loss of credits and duplication of coursework in transferring. In addition, students may complete up to 94 credits of the program at the community college if desired.

Requirements:

1. Complete the coordinated program of study for an approved technical program or 46 hours in an approved technical discipline at Macomb Community College and the Technology Management 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 be required to meet EMU’s additional four general education requirements, indicated on the attached articulation guide with a “1” and listed below:
 - a) A course in advanced written composition, advanced speech, or a foreign language, [ENGL 324 at EMU]
 - b) A course in mathematical reasoning [MATH 1360 at MCC]
 - c) A cross-cultural course [an approved course at EMU]
 - d) A course in computer literacy [ITCS 1010 at MCC] or [INDT 201 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 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. Students must meet course and grade point average requirements at the time of application for admission to EMU including submitting transcripts from all previously attended colleges.
6. Students should contact the Technology Management Program Coordinator early, before completing an admission application to EMU. To facilitate the evaluation of transcripts, students should enclose a copy of this articulation guide in 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: June 15, 2006 until June 15, 2009. In the fall semester of 2007 this agreement will be updated to be consistent with EMU’s new general education requirements. 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 or MACRAO plus four requirements. If this agreement is not renewed at the end of the effective period, students who already began the program will have an additional three years to be admitted to EMU under the terms of the agreement. Students who began their technical program at MCC prior to the effective date may use this agreement.

Contacts:

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Macomb Community College:

Eastern Michigan University:

MACRAO Requirements (32-35 credits)	(32-35 credits)
<p>1. English Writing Requirement (6-8 credits) ENGL 1180 Commun. I or ENGL 1210 Comp. I3-4 ENGL 1190 Commun. II or ENGL 1220 Comp. II3-4</p> <p>2. Math/Science Requirement (8 credits) ¹MATH 1360 Finite Mathematics 4 Choose one course:..... 4 BIOL 1000 General Biology I (4) CHEM 1050 Intro to General Chemistry (4) CHEM 1170 General Chemistry I (4) NATS 1200 Natural Science (4) PHYS 1180 College Physics I (4)</p> <p>3. Social Science Requirement (10 credits) ECON 1160 Principles of Economics I 3 ECON 1170 Principles of Economics II 3 POLS 1000 Intro to American Politics 4</p> <p>4. Humanities Requirement (8-9 credits) Choose a minimum of 8 credits:.....8-9 <i>Courses must be from at least two disciplines, except when a foreign language is taken</i> ENGL 1730, 2600, 2610, 2710, 2720, 2730, 2800, 2810; FREN/GRMN/ITAL/ SPAN 2360, 2370; PHIL 2010, 2100, 2200; HUMN 1210, 1700, 2000; THEA 1100, 1350; ARTT 1060, 1360, 1610, 2610, 2620; MUSC 1030, 2710, or 2720; or any other transfer courses approved by MCC to satisfy the MACRAO humanities requirement</p>	<p>(6-8 credits) ENGL 120 English Composition I (3) +13-4 ENGL 121 English Composition II (3) + 13-4</p> <p>(8 credits) MATH 118 Linear Models and Probability (3) +1 4 One course: 4 BIOL 110 Introductory Biology CHEM 117/118 Fund of Chemistry with lab CHEM 121/122 Gen Chemistry I with Lab BIOL BAS Basic Studies Transfer Credit PHY 221 Mechanics, Sound & Heat</p> <p>(10 credits) ECON 201 Principles of Macroeconomics 3 ECON 202 Principles of Microeconomics 3 PLSC 112 American Government (3) + 1 4</p> <p>(8-9 credits) Two or three courses8-9 Courses will transfer as equivalent courses or general education transfer courses (BAS) or general transfer credit (000) or (AACR)</p>
Additional Graduation Requirement (2 credits)	(2 credits)
PHED 2000 or above (except 2080) 2	PEGN 210 Lifetime Wellness & Fitness 2
Technical Concentration (46 credits)	(46 credits)
A maximum of 46 credits in technical courses from an approved MCC program may be transferred as a block for the technical concentration. If the program has less than 46 technical credits, related technical courses may be taken at either institution to make up the difference..... 46	Technical Concentration 46
Courses that May be Taken at MCC or EMU (11-14 Credits)	
¹ ITCS 1010 Computer & Info Processing Principles 4 ² Restricted Technology Management Elective 4 <i>Students may complete one Technology Mgmt Elective course at MCC:</i> ACCT 1080 Principles of Accounting I (4) ACCT 1090 Principles of Accounting II (4) BUSN 1080 Business Law I (4) Open Electives (not to exceed 94 credits at MCC)3-6	INDT 201 Microcomputer Apps in Technology (3) +1 4 Restricted Technology Management Elective 4 <i>If completed at EMU, students may choose from the entire list of Technology Mgmt Electives on page 3.</i> ACC 240 Prin of Financial Accounting (3) +1 ACC 241 Prin of Managerial Accounting (3) +1 LAW 293 Legal Environment of Business (3) + 1 University Electives3-6
Credits at MCC: 80-94	Credits that transfer to EMU 80-94

¹ Meets one of EMU's four requirements in addition to MACRAO. See Article II, #2 on page one for more information.

² One course toward the minimum requirement of 12 hours of Technology Management Electives may be completed at the community college.

NOTE: Students are required to complete a minimum of 62 semester hours for an associate degree at MCC.

NOTE: If a Macomb CC course has more credits than the EMU equivalent course, the additional credits will be included in the program total.

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Completion of Technology Management Curriculum at EMU

Additional Requirements (6 credits)

INDT 150 Understanding Technology.....3
¹ ENGL 324 Principles of Technical Communication.....3

Major Requirements (24-27 credits)

Core Courses (15 credits)

INDT 130 Intro to Technology Management.....3
INDT 212 Management of Technological Change.....3
INDT 311 Information Technology Mgmt & Orgs.....3
INDT 314 Socio-technical Systems Approach to Proc.....3
INDT 415 Senior Seminar in Technology Mgmt3

Technology Management 300/400 Electives(9-12 credits)

Choose at least three courses from the following:

ACC 130 Accounting for Non-Accounting majors
LAW 403 Employment Law (3)
FIN 350 Principles of Finance (3)
FIN 358 Analysis of Financial Statements (3)
MKTG 360 Principles of Marketing (3)
MKTG 369 Advertising (3)
MKTG 473 Marketing and Product Innovation (3)
MGMT 384 Human Resource Management (3)
MGMT 386 Organizational Behavior & Theory (3)
MGMT 480 Management Responsibility & Ethics (3)
INDT 387 Cooperative Education (3)

Minimum Credits at EMU:30

Minimum Credits to Graduate:124

Approved Technical Programs at Macomb Community College

Accounting	Programming
Architectural Technology – Commercial Design	Web Programming
Automotive Technology	Law Enforcement
Business Information Systems – Administrative Assistant	Legal Assistant
Business Management	Manufacturing Engineering
Civil Technology	Marketing
Communication Arts	Media & Communication Arts
Intercultural/Interpersonal Communication	Medical Assistant
Mass Media	Nursing
Presentation	Occupational Therapy Assistant
Public Relations	Physical Therapist Assistant
Construction Technology	Product Development
Culinary Arts	Die Design
Electronic Engineering Technology	Tool Fixture Design
Electronic Technology – Computer Service Technician	Quality Systems Technology – Quality Manager
EMT/Paramedic	Quality Systems Technology – Quality Technician
Paramedic/ Firefighter	Radiological Technology
Fire Science	Respiratory Therapy
Fire Science with Fire Academy	Restaurant Management
Information Technology	Surgical Technologist
Cisco Network Professional	Veterinary Technician
IT Professional	Web Specialist
Network Administration Professional	Other programs may be used with approval of the
Network Security Professional	Program Coordinator