

**EASTERN MICHIGAN UNIVERSITY
ARTICULATION GUIDE**

January 2006

**Schoolcraft College –Approved Technical Programs
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 an approved technical program at Schoolcraft College 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.

Requirements:

1. Complete an approved technical program or 46 hours in an approved technical discipline at Schoolcraft College and the coordinated program of study for the Bachelor of Science in Technology Management at Eastern Michigan University, as indicated in this guide. Any course substitutions should be made with the guidance of a counselor or advisor 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 composition, advanced speech, or a foreign language [ENGL 324 at EMU]
 - b) A course in mathematical reasoning [MATH 135 at Schoolcraft] or [MATH 118 at EMU]
 - c) A course in computer literacy [CIS 115 or CIS 120 at Schoolcraft]
 - d) A cross-cultural course [ANTH 214 at Schoolcraft] or [any approved cross-cultural course at EMU]*To use MACRAO, students should request a MACRAO evaluation of their transcript in the Community College Student Registrar’s Office. Students who do not satisfy MACRAO will have to satisfy 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.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be taken in EMU courses, 15 hours of which must be in program requirements at the 300-level or above. Of the last 30 hours completed before graduating, at least 10 hours must be in EMU courses. 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 admission to EMU, including submitting transcripts from all previously attended colleges.
6. Students should contact the EMU Technology Management Program Coordinator early, before completing an admission application to EMU. Students should enclose a copy of this articulation guide with their EMU application and bring a copy to all advising sessions.

Effective Dates: January 1, 2003. This agreement has been **extended until September 1, 2007**. Schoolcraft College students who began this articulated program prior to fall 2007 may continue to use this articulation guide and will have at least three years beyond the ending date to be admitted to EMU under the terms of this agreement. Students who began this program at the community college prior to the effective date may use this articulation agreement to the extent that the curriculum followed is consistent with this agreement.

Contacts:

Schoolcraft College
See the Division Counselor

Eastern Michigan University
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Schoolcraft College

Eastern Michigan University

MACRAO Requirements	(33 credits)	(33 credits)	
1. English Writing Requirement	(6 credits)	(6 credits)	
ENG 101 English Composition.....	3	MACRAO English Composition requirement.....	3
ENG 102 Intermediate English Composition.....	3	ENG 121 English Composition	3
2. Math/Science Requirement	(8 credits)	(8 credits)	
¹ MATH 135 Finite Mathematics.....	4	MATH 118 Linear Models & Probability (3)+1.....	4
Complete one course:.....	4	One Course:.....	4
CHEM 111 General Chemistry or (4)		CHEM 121 & 122 General Chemistry I w/ lab	
PHYS 181 General Physics (4)		PHY 221 Mechanics, Sound and Heat	
3. Social Science Requirement	(11 credits)	(9 credits)	
ECON 201 Principles of Economics I	4	ECON 201 Principles of Macroeconomics (3)+1..	4
ECON 202 Principles of Economics II	4	ECON 202 Principles of Microeconomics (3)+1...	4
POLS 105 Survey of American Government	3	PLSC 112 American Government	3
4. Humanities Requirement	(8 credits)	(Courses must be from at least two disciplines)	
COMA 103 Fundamentals of Speech.....	3	CTAS 121 Fundamentals of Speech	3
Complete two courses:	5-6	Two Courses	5-6
<i>*(at least one course must satisfy Core Skill 8)</i>			
ART 105*, 115*, 116*, ART 125, 201*, ENG 200*,		Courses transfer as equivalent courses, general ed transfer credit, or general transfer credit	
243*, 244*, 245*, 246*, 251, 252; HUM 106*,			
MUSIC 102*, 105*; THEA 120*, 208*,			
Technical Concentration	(46 credits)	(46 credits)	
A maximum of 46 credits in technical courses from an approved Schoolcraft program/discipline 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
Additional Courses That May be Taken at Schoolcraft or EMU:		(15 credits)	
¹ ANTH 214 Native American Traditions	3	ANTH BASX GenEd Cross-cultural transfer	3
PE 202 Lifestyle Fitness	2	PEGN 210 Lifetime Wellness & Fitness	2
¹ Complete one course:.....	3	One course: (subst for INDT 201)	3
CIS 115 Intro to Computer Based Systems		IS 215 End-user Comp	
CIS 120 Software Applications		BEDU 201 Microcomp Bus Applications	
Restricted Technology Management Electives	7	Technology Management Electives.....	7
<i>Complete two courses from the following:</i>			
ACCT 103 Intro to Accounting (4)		ACC 130 Accounting for Non-Bus Majors (3) +1	
ACCT 201 Principles of Accounting (4)		ACC 240 Princ of Financial Accounting (3) +1	
ACCT 202 Principles of Accounting (4)		ACC 241 Princ of Managerial Accounting (3) +1	
BUS 207 Business Law (3)		LAW 293 Legal Environment of Business (3)	
Maximum credits at Schoolcraft	94	Maximum credits that transfer to EMU.....	94

¹Meets one of EMU's four general education requirements in addition to MACRAO.

*Satisfies Schoolcraft's General Education Core Skill 8.

Please note: The subject prefixes for INDT courses on this guide are being changed to STS or TM.

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Completion of Technology Management Curriculum at EMU

Additional Requirements (9 credits)

¹ENG 324 Prin of Technical Communication..... 3
INDT/STS 150 Understanding Technology..... 3

Major Requirements (21 credits)

Core Courses (15 credits)

INDT/TM 130 Intro to Tech Management 3
INDT/TM 212 Mgmt of Technical Change..... 3
INDT/TM 311 Information Tech Mgmt & Orgs ... 3
INDT/TM 314 Socio-tech Syst Appr to Proc 3
INDT/TM 415 Senior Seminar in Tech Mgmt..... 3

Restricted Technology Management 300/400-level Electives (9 credits)

Complete three courses: 9
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 Mktg and Product Innovation (3)
MGMT 384 Human Resource Management (3)
MGMT 386 Organizational Behavior & Thry (3)
MGMT 480 Mgmt Responsibility & Ethics (3)
INDT 387 Cooperative Education (3)

Minimum Credits at EMU:.....30

Minimum Credits to Graduate:124

¹ Meets one of EMU's four general education requirements in addition to MACRAO.

Recommended Sequence for completing the Program:

(The microcomputer applications course must be completed before beginning this sequence. (CIS 115 or 120 at Schoolcraft or INDT/STS 201 at EMU)

Fall Semester (15 credits)

¹ENG 324 Principles of Technical Communication... 3
INDT/TM 130 Intro to Technology Management 3
INDT/TM 150 Understanding Technology 3
Technology Management Electives 6

Winter Semester (15 credits)

INDT/TM 212 Management of Technical Change ... 3
INDT/TM 311 Info Technology Mgmt & Orgs..... 3
INDT/TM 314 Socio-tech Sys Approach to Proc 3
INDT/TM 415 Senior Seminar in Technology Mgmt 3
Technology Management Elective 3

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Approved Programs at Schoolcraft College

Accounting
Biomedical Engineering Technologist
Broadcast Communications
Computer Aided Design-Mechanical
Computer Aided Design-Tool Design
Computer Assisted Manufacturing
Computer Graphics Technology
Computer Information Systems
Computer Information Sys-Web Specialist
Cosmetology Management
Criminal Justice
Culinary Arts
Electronics Technology
Emergency Medical Technology
Environmental Technology
Fire Technology

General Business
Health Information Technology
Manufacturing for Quality Production
Marketing & Applied Management
Metallurgy & Materials Science
Music-Recording Technology
Nursing-Registered
Office Administration
Small Business Management
Other programs/disciplines may be used with approval of the Program Coordinator