

**TECHNOLOGY MANAGEMENT ARTICULATION AGREEMENT GUIDE**Macomb Community College – **Approved Technical Programs**Eastern Michigan University – **BS in Technology Management**

<b>Macomb Community College Courses:</b>	<b>Transfer to Eastern Michigan University as:</b>
<b>Michigan Transfer Agreement (MTA) Requirements (30 credits)</b>	
Students with an MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will be required to complete only the General Education Application Requirements of one Perspectives on a Diverse World course, one Learning beyond the Classroom experience, and a writing intensive course in the major. <u>Courses listed below for the MTA also satisfy major requirements at EMU.</u> Students who started before Fall 2014 may continue to follow the MACRAO Agreement until the end of summer 2019. A MACRAO version of this articulation guide is available at <a href="http://www.emich.edu/ccr/archartguide_macrao.php">http://www.emich.edu/ccr/archartguide_macrao.php</a> . For courses approved to satisfy the MTA go to <a href="http://www.macomb.edu/resources/transfer-articulation/attachments/mta-macrao-course-list.pdf">http://www.macomb.edu/resources/transfer-articulation/attachments/mta-macrao-course-list.pdf</a>	
<b>1. A course in English Composition</b>	
Choose from the approved MTA list .....3-4	University Elective ..... 3-4
<b>2. A course in English Composition or Communication</b>	
Choose from the approved MTA list .....3-4	University Elective ..... 3-4
<b>3. A course in Mathematics</b>	
* <sup>1</sup> Math 1360 Finite Mathematics..... 4	MATH 118 Linear Models and Probability.....4
<b>4. Two courses in Natural Sciences from different disciplines (one lab required)</b>	
Choose from the approved MTA list .....7-8	University Electives..... 7-8
<b>5. Two courses in Humanities from different disciplines</b>	
Choose from the approved MTA list. ....6-8	University Electives..... 6-8
<b>6. Two courses in Social Sciences from different disciplines</b>	
* ECON 1160 Principles of Economics 1 .....3	ECON 201 Principles of Macroeconomics .....3
Choose from the approved MTA list.....3-4	University Elective ..... 3-4
<b>7. If needed, complete additional courses in any category above to satisfy the 30 credit minimum for the MTA.</b>	
<b>EMU's Perspectives on a Diverse World requirement: Complete <u>one</u> course from the following list:</b> Courses on this list will satisfy an MTA area above: <b>Communication:</b> SPCH 2300; <b>Natural Science:</b> BIOL 1310; ENV5 1050; <b>Humanities:</b> ENGL 2800, 2810; INTL 2000, 2300, 2800; <b>Social Sciences:</b> ANTH 1000; ECON 2110; GEOG 2000; HIST 1260, 1700, 2375, 2420, 2520, 2650; INTL 2500, 2700; POLS 1600; or SOCY 2550; SOSOC 2010	
<b>MCC Technical Concentration (30-46 credits)</b>	
* Thirty (30) to forty-six (46) credits in technical courses from an approved MCC program or discipline may be transferred as a block to satisfy the technical concentration. If the program has less than 30 technical credits, approved technical courses may be taken at either institution to make up the difference ..... 30-46 Technical Concentration..... 30-46	
<b>EMU Requirements that May be Taken at MCC or EMU (18-34 credits)</b>	
* ECON 1170 Principles of Economics 2.....3	ECON 202 Principles of Microeconomics .....3
*ITCS 1010 Computer & Info Processing Principles .....4	BMMT 101 Computers and Technology (3)+1.....4
Additional program requirements or electives..... 11-27	University Electives ..... 11-27
<i>The number of elective credits will vary depending on the technical concentration. Students must complete a minimum of 124 total credits with at least 30 credits at EMU for a bachelor's degree. Be sure to keep track of your total credits. Students should consult a MCC counselor to select the appropriate courses for a certificate or associate degree. See page 2 for a list of approved programs and disciplines.</i>	
<b>Credits at MCC: ..... 94</b>	<b>Credits that transfer to EMU..... 94</b>

\* Required for EMU's Technology Management program. If not transferred, must be completed at EMU.

<sup>1</sup> COT 224 at EMU may be completed as an alternative to MATH 118, however, an approved math course must be completed to satisfy the MTA.

**Sign up with us: If you let us know you are using this articulation agreement we can stay in touch with you and provide information and advising to you while you are still at your community college. Sign up at: [www.emich.edu/ccr/trackingssystem/Enter.php](http://www.emich.edu/ccr/trackingssystem/Enter.php)**

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<p><b><u>Completion of EMU's Technology Management Program</u></b></p> <p><b>Major Requirements (30-33 credits)</b></p> <p><b>Core Courses (18 credits)</b></p> <p>TM 130 Intro to Technology Management ..... 3                  TM 212 Management of Technological Change ..... 3                  TM 311 Information Technology Mgmt &amp; Organizations ..... 3  <sup>1</sup> TM 314W Sociotechnical Systems Appr to Proc Imprvmt ..... 3                  TM 402 Technology Project Management ..... 3                  TM 415 Senior Seminar in Technology Management ..... 3</p> <p><b>Technology Mgmt Electives (12-15 credits)</b></p> <p>Choose from the following: ..... 12-15                  (At least 3 hours at the 300/400 level must be completed.)</p> <p>ACC 130 Accounting for Non-business majors(3)                  ACC 240 Prin of Financial Accounting (3)                  ACC 241 Prin of Managerial Accounting (3)                  ACC 358 Analysis of Financial Statements (3)                  FIN 350 Principles of Finance (3)                  LAW 293 Legal Environment of Business (3)                  LAW 403 Employment Law (3)                  MGMT 384 Human Resource Management (3)                  MGMT 386 Organizational Behavior &amp; Theory (3)                  MGMT 388 Intro to Entrepreneurship (3)  <sup>1</sup> MGMT 480W Management Responsibility &amp; Ethics (WI) (3)                  MKTG 360 Principles of Marketing (3)                  MKTG 369 Advertising (3)                  MKTG 473 Marketing and Product Innovation (3)                  TM 306 Quan Analysis of Sustainability Issues (3)                  TM 308 Seminar in Technological Impacts (3)                  TM 377/378/379 Special Topics (1/2/3)  <sup>2</sup> TM 387L4 Cooperative Education (3)                  TM 420 Women and Technology (3)                  TM 477/478/479 Special Topics (1/2/3)                  TM 495 Technology, Values, and the Future (3)</p> <p><b>LBC Requirement (0-3 credits)</b></p> <p>One Learning beyond the Classroom (LBC) course or noncredit experience must be completed at EMU. TM 387 Cooperative Education satisfies the LBC requirement. See program advisor for other choices.</p> <p><b>Minimum Credits at EMU ..... 30</b>  <b>Maximum Transfer Credits ..... 94</b>  <b>Minimum Credits to Graduate ..... 124</b></p> <p>The Technology Management program is offered online.</p>	<p><b>Approved Macomb Community College Programs:</b></p> <p>Accounting                  Applied Technology – All Options                  Architectural Technology – all options                  Automated Systems Technology - Mechatronics                  Automotive Technology – all options                  Civil Technology                  Climate Control Technology – all options                  Computer Service Technology                  Construction Technology – All options                  Culinary Arts                  Customer Energy Specialist                  Electronic Engineering Technology – All options                  EMS-EMT/Paramedic                  EMS-Paramedic/ Firefighter                  Entrepreneurship- all options                  Fire Science                  Fire Science with Fire Academy                  Health Information Technology                  Homeland Security                  Hospitality Management                  Information Technology – all options                  International &amp; Global Studies                  Land Surveying Technology                  Law Enforcement &amp; Police Academy                  Legal Assistant                  Manufacturing Engineering                  Manufacturing Engineering Technology                  Media and Communication Arts – all options                  Medical Assistant                  Molecular Biotechnology                  Nursing                  Occupational Therapy Assistant                  Physical Therapist Assistant                  Product Development - all options                  Radiologic Technology                  Renewable Energy Technology                  Respiratory Therapy                  Restaurant Management                  Speech Communication Arts                  Surgical Technology                  Veterinary Technician                  Other programs with approval of the Program Coordinator</p>
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<sup>1</sup> Satisfies EMU's Writing Intensive requirement

<sup>2</sup> Satisfies EMU's Learning beyond the Classroom requirement

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

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### Additional Information:

1. Each institution will determine the satisfaction of their individual program and degree requirements. Both MCC and EMU agree to accept transferable courses from each other and from other institutions. MCC courses indicated with an \* are required for EMU's Technology Management program. Substitutions for these courses must be approved by the EMU program coordinator.
2. Students with the MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will be required to complete only the General Education Application Requirements of one "Perspectives on a Diverse World" course, one "Learning beyond the Classroom" experience, and a "Writing Intensive" course in the major. The Perspectives on a Diverse World requirement may be transferred to EMU.  
*To use the Michigan Transfer Agreement (MTA), students must have an official community college transcript, with the "MTA Satisfied" endorsement sent to EMU's Admissions Office. Students who do not have "MTA Satisfied" on their community college transcript, will be required to satisfy EMU's general education requirements as applied to transfer students. The MTA may be completed after admission to EMU, however, students should inform their advisors or they may be advised to complete additional courses for the general education program. Students who enrolled in college prior to September 2014 will have until the end of August 2019 to complete the MACRAO agreement. If already on the transcript, the MACRAO designation will be accepted at EMU after August 2019.*
3. A grade of "C" or better (2.0 on a 4.0 scale) is required for courses to transfer to either institution.
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, with 15 hours in program requirements, at the 300-level or above. Of the last 30 hours completed before graduating, at least 10 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 satisfy 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 Technology Management Program Coordinator before applying to EMU. To facilitate advising and the evaluation of transcripts, sign up for this articulation agreement using the link [www.emich.edu/ccr/trackingsystem/Enter.php](http://www.emich.edu/ccr/trackingsystem/Enter.php), and bring a copy of this guide to all advising sessions.

### Effective Dates: September 1, 2016 until August 31, 2019

This is a renewal of an agreement made in June 2006 and renewed in September 2009 and January 2013. Students who began this program prior to the new effective date have the option of changing to this guide or continuing to use the guide they started under for up to seven years. If this agreement is not renewed at the end of the effective period, students who already started the program at Macomb Community College will have an additional three years to be admitted to EMU under the terms of this agreement.

### Contacts:

**Macomb Community College**  
Office of Articulation and Transfer  
UC1-228, 586.286.2216  
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Technology Management  
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