

**EASTERN MICHIGAN UNIVERSITY  
ARTICULATION GUIDE**

September 2009

**Mott Community College – Approved Technical Programs  
Eastern Michigan University – Bachelor of Science in Technology Management**

**Mott Community College**

**Eastern Michigan University**

| <b>MACRAO Requirements</b>   | <b>(34-35 credits)</b> | <b>(34-35 credits)</b>  |
|--|------------------------|---|
| <b>1. English Writing Requirement</b>  | <b>(6 credits)</b>     | <b>(6 credits)</b>  |
| ENG 101 English Composition .....  | 3                      | ENGL 120 Composition I (University Elective).....   |
| ENG 102 English Composition .....  | 3                      | ENGL 121 Composition II .....   |
| <b>2. Math/Science Requirement</b>   | <b>(8-9 credits)</b>   | <b>(8-9 credits)</b>  |
| <sup>1</sup> Complete one course: (complete at Mott) .....   | 4-5                    | One Course (substitute for MATH 118 or STS 224).....  |
| MATH 130 College Algebra (4)   |                        | MATH 105 College Algebra (3)+1  |
| MATH 150 Probability & Statistics (4)  |                        | MATH 170 Elementary Statistics (3)+1  |
| MATH 165 Applied Calculus I (4)  |                        | MATH 119 Applied Calculus (3)+1   |
| MATH 170 Analytical Geometry & Calculus I (5)  |                        | MATH 120 Calculus I (4)+1   |
| Complete one course:.....  | 4-5                    | One course .....  |
| Choose from courses approved by Mott to satisfy<br>the MACRAO lab science requirement.   |                        | Courses may transfer as equivalent courses, General<br>Education transfer credit, or general transfer credit. |
| <b>3. Humanities Requirement</b>   | <b>(9 credits)</b>     | <b>(9 credits)</b>  |
| Complete three courses: (must be from two disciplines) ....  | 9                      | Three courses: .....  |
| <b>See note below</b>  |                        |   |
| Choose from courses approved by Mott to satisfy<br>the MACRAO humanities requirement.  |                        | Courses may transfer as equivalent courses, General<br>Education transfer credit, or general transfer credit. |
| <b>4. Social Science Requirement</b>   | <b>(11 credits)</b>    | <b>(11 credits)</b>   |
| *ECON 221 Principles of Economics I .....  | 4                      | ECON 201 Principles of Macroeconomics (3) + 1 .....   |
| *ECON 222 Principles of Economics II .....   | 4                      | ECON 202 Principles of Microeconomics (3) + 1 .....   |
| Complete a course from a different discipline:.....  | 3                      | One course: .....   |
| <b>See note below</b>  |                        |   |
| Choose from courses approved by Mott to satisfy<br>the MACRAO social science requirement.  |                        | Courses may transfer as equivalent courses, General<br>Education transfer credit, or general transfer credit. |
| <b>NOTE: In completing the Humanities or Social Science requirement, 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</b> |                        |   |
| <b>Mott Technical Concentration</b>  |                        | <b>(30-46 credits)</b>  |
| * Thirty to forty-six credits in technical courses from an approved Mott program or discipline may be transferred as a block for the technical concentration. If the program has less than 30 technical credits, related technical courses may be taken to make up the difference. ....                              |                        |   |
|  | 30-46                  | Technical Concentration .....   |
|  |                        | 30-46   |
| <b>EMU Requirements that May be Taken at Mott or EMU</b>   |                        | <b>(10-30 credits)</b>  |
| ** COMI 160 Intro to Business Data Processing .....  | 3                      | IS 215 End-User Computing (subs for STS 201).....   |
| <sup>2</sup> Open Electives (not to exceed 94 credits at Mott) .....   | 7-27                   | University Electives.....   |
|  |                        | 7-27  |
| <b>Maximum Credits at Mott CC: .....</b>   | <b>91-94</b>           | <b>Maximum Credits that transfer to EMU.....</b>  |
|  |                        | <b>91-94</b>  |

\* Required for EMU's Technology Management program.

<sup>1</sup> MATH course should be completed at Mott to satisfy EMU's quantitative reasoning requirement. If completed at EMU, MATH 110 will also be required, unless waived by an ACT math test score of 23 or higher.

\*\*Or completion of STS 201 credit by exam at EMU.

<sup>2</sup> The number of elective credits required will depend on the number of credits completed for the technical concentration and for MACRAO.

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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|--|---|
| <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</p> <p>TM 212 Management of Technological Change..... 3</p> <p>TM 311 Information Technology Mgmt &amp; Organizations . 3</p> <p>TM 314 Sociotechnical Systems Aprpr to Proc Imprvmt... 3</p> <p>TM 415 Senior Seminar in Technology Management ..... 3</p> <p>STS 300W Research &amp; Writing: The Tech Perspective .... 3</p> <p><b>Technology Mgmt Electives (12-15 credits)</b></p> <p>Choose from the following:..... 12-15<br/>(At least 3 hours at the 300/400 level must be completed.)</p> <p>ACC 130 Accounting for Non-business Majors (3)</p> <p>ACC 240 Principles of Financial Accounting (3)</p> <p>ACC 241 Principles of Managerial Accounting (3)</p> <p>FIN 350 Principles of Finance (3)</p> <p>FIN 358 Analysis of Financial Statements (3)</p> <p>LAW 293 Legal Environment of Business (3)</p> <p>LAW 403 Employment Law (3)</p> <p>MKTG 360 Principles of Marketing (3)</p> <p>MKTG 369 Advertising (3)</p> <p>MKTG 473 Marketing and Product Innovation (3)</p> <p>MGMT 384 Human Resource Management (3)</p> <p>MGMT 386 Organizational Behavior &amp; Theory (3)</p> <p>MGMT 388 Intro to Entrepreneurship (3)</p> <p>MGMT 480 Management Responsibility &amp; Ethics (WI) (3)</p> <p>TM 308 Seminar in Technological Impacts (3)</p> <p>TM 377/378/379 Special Topics (1/2/3)</p> <p><sup>1</sup>TM 387 Cooperative Education (3)</p> <p>TM 477/478/479 Special Topics (1/2/3)</p> <p><b>Additional Requirement (0-3 credits)</b></p> <p><sup>1</sup> One LBC course or noncredit experience must be completed at EMU. TM 387 Cooperative Education satisfies the LBC requirement.</p> <p><b>Minimum Credits at EMU: .....30-36</b></p> <p><b>Minimum Credits to Graduate:..... 124</b></p> <p><b>Mott CC Approved Programs</b></p> <p>Air Conditioning Heating &amp; Refrigeration Technology</p> <p>Applied Technology</p> <p>Associate Degree Nursing</p> <p>Auto Body Repair &amp; Painting</p> | <p>Automotive Technology</p> <p>Building &amp; Construction Technology</p> <p>Communications Technology – All options</p> <p>Computer Aided Drafting &amp; Design – All options</p> <p>Computer Information Systems</p> <p>Computer Network Administration</p> <p>Computer Network Engineering</p> <p>Computer Networking Technology</p> <p>Computer Occupations Technology</p> <p>Computer Programming</p> <p>Computer Science</p> <p>Computer Software Applications</p> <p>Computer Support Services and Help Desk</p> <p>Criminal Justice</p> <p>Culinary Arts</p> <p>Customer Energy Specialist</p> <p>Dental Assisting</p> <p>Dental Hygiene</p> <p>Electronics &amp; Electrical Technology</p> <p>Fire Protection Technology</p> <p>Graphic Design</p> <p>Health Unit Coordinator – Ward Clerk</p> <p>Histologic Technician</p> <p>Industrial Technology</p> <p>Manufacturing Simulation Technology</p> <p>Machine Tool Technology</p> <p>Manufacturing Simulation Technology</p> <p>Mechanical Operations Technology</p> <p>Nurse Aide Preparation</p> <p>Occupational Therapy Assistant</p> <p>Operations &amp; Production Technology</p> <p>Paramedics</p> <p>Phlebotomy</p> <p>Photographic Technology</p> <p>Physical Therapist Assistant</p> <p>Practical Nursing</p> <p>Production Operations Management</p> <p>Quality Assurance</p> <p>Radiologic Technology</p> <p>Respiratory Therapy</p> <p>Vehicle Design</p> <p>Web Developer</p> <p>Other programs approved by Program Coordinator</p> |
|--|---|

<sup>1</sup> Satisfies EMU’s Learning beyond the Classroom General Education requirement.

NOTE: If 94 credits are not transferred from the community college, 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 Technology Management Program.
2. Students whose transcripts are endorsed as "MACRAO Satisfied" will only be required to meet EMU's three 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, 150, 165, or 170 at Mott]
  - b) an approved course in Global Awareness or US Diversity: [ANTH 200, 211; GEOG 142; HIST113, 152, 153, 157, 159; HREL 151, 299; PSCN 275; SOCY 294; ENGL 220, 223,228, 235 at Mott]
  - c) an approved Learning Beyond the Classroom course or experience offered by EMU: [TM 387 or see EMU Program Coordinator for other options.]

*To use MACRAO, students should request a MACRAO evaluation of their transcript from the community college Student Records Office. A minimum of 15 credits towards MACRAO must be completed at Mott CC. 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 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. Mott 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 early, before applying to EMU. To facilitate the evaluation of transcripts, students should bring a copy of this articulation guide to all advising sessions. Copies of the articulation guide are available on EMU's webpage at [www.emich.edu/ccr/artguide.htm](http://www.emich.edu/ccr/artguide.htm).

**Effective Dates: September 1, 2009 until August 31, 2012.** 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. Students who enrolled at Mott prior to the effective period may use this agreement.

**Contacts:**

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