

# EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

September 2012

## Owens Community College – Approved Technical Programs/Disciplines Eastern Michigan University – Bachelor of Science in Technology Management with General Education

<b>Owens Community College Courses:</b>	<b>Transfer to EMU as:</b>
<b>EMU General Education Requirements:</b>	<b>(41-42 credits)</b>
<b>I. Effective Communication (9 credits)</b> ENG 111 Composition I .....3 ENG 112 Composition II .....3 SPE 101 Public Speaking .....3	<b>(9 credits)</b> ENGL 120 English Comp I (university elective)..... 3 ENGL 121 English Composition II ..... 3 CTAC 124 Fundamentals of Speech..... 3
<b>II. Quantitative Reasoning (4 credits)</b> *1MTH 125 Modern Business Math .....3	<b>(4 credits)</b> MATH 118 Linear Models and Probability ..... 3
<b>III. Perspectives on a Diverse World (3 credits)</b> Complete one: (course may not double count for areas below) ...3 AAS 101, 120; ANT 200; ART 203; BUS 260; ENG 215, 225, 251,252, 255; ENV 101; GOV100, 207; GPH 106; HIS 152, 170, 270; HUM 105, 275; MUS 105; SOC 220, 250, 270; SPA 100; SPE 220; THE 245; WST 100, 110;	<b>(3 credits)</b> One course:..... 3 Courses may transfer as equivalent courses or general education GEGA or GEUS credit
<b>IV. Knowledge of the Disciplines (25-26 credits)</b> Complete two courses (with different prefixes) from each area:	<b>(25-26 credits)</b>
<b>1. Arts: ..... 6</b> ART 101, 105, 115, 131, 146, 201, 203, 235; DAN 101, 105, (121&122), (131&132) 231; ENG 230; MUS 101, 102-105, 201-203, 245, 246; PHO 202, 221; THE 100, 131, 144, 151, 201, 245, 261, 263	<b>Two courses: ..... 6</b> If completed at EMU, courses must be chosen from the approved General Education course list.
<b>2. Humanities: ..... 6</b> ENG 200, 201, 210, 220, 225, 251, 252, 255, 260, 264-267, 280; HIS 101,102; HON 101, 201; HUM 100, 200, 275; PHL 101, 102, 221, 224, 225, 250; PPC 200; THE 142; ARB/CHN/FRE/GER.JPN/SPA/RUS 111, 112, 211, 212	<b>Two courses: ..... 6</b> If completed at EMU, courses must be chosen from the approved General Education course list.
<b>3. Natural Science ..... 7-8</b> At least one course must be a laboratory course: AST 101, BIO 101, 201, 121, 211, 212, 213, 239; CHM 121, 122, 201; CLW 105; PHY 201, 202, 221, 222	<b>Two courses: ..... 7-8</b> If completed at EMU, courses must be chosen from the approved General Education course list.
<b>4. Social Science ..... 6</b> * ECO 201 Microeconomics (3) Complete one course from the following: ANT 200; CIV 120; CJS 104, 123; GPH 108; GOV 111, 205, 207; HIS 201, 202, 205, 210, 220, 250; PSY 101; SOC 101, 120, 250; SPE 102, 110, 200;	<b>Two courses: ..... 6</b> ECON 202 Principles of Microeconomics (3)  If completed at EMU, courses must be chosen from the approved General Education course list.
<b>Owens Technical Concentration:</b>	<b>(30 - 46 credits)</b>
*Thirty to forty-six credits in technical courses from an approved Owens program or discipline may be transferred as a block for the technical concentration. If 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 Owens or EMU:</b>	<b>(7 - 23 credits)</b>
* ECO 202 Macroeconomics .....3 *2IST 131 Computer Concepts and Applications .....4 Open Electives (not to exceed 94 credits at Owens) .....0-16	ECON 201 Principles of Macroeconomics ..... 3 BMMT201 (substitute for <b>STS 201</b> ) (3)+1 ..... 4 University Electives ..... 0-16
<b>Credits at Owens: ..... 94</b>	<b>Credits that transfer to EMU .....94</b>

\* Required for EMU's Technology Management program.

<sup>1</sup> If completed at OCC, MTH 125 satisfies EMU's Quantitative Reasoning Requirement. If completed at EMU, MATH 110 is also required to satisfy QR, unless Intermediate Algebra has been completed with a "C" or better, MATH 118 or STS 224 at EMU will satisfy QR and the major requirement. STS 224 is preferred.

<sup>2</sup> STS 201 (IST 131) may be waived by successful completion of STS 201 exam at EMU. See Technology Management advisor for details.

**NOTE:** Students who want to complete a certificate or associate degree should consult an Owens Community College counselor to select the appropriate courses. See page 2 for approved OCC programs.

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<p><b><u>Completion of EMU’s Tech 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><sup>1</sup> TM 314W Sociotechnical Sys Approach to Process Imprv...3</p> <p>TM 402 Technology Project Management.....3</p> <p>TM 415 Senior Seminar in Technology Management .....3</p> <p><b>Technology Mgmt Electives (12-15 credits)</b></p> <p>Choose from the following courses: ..... 12-15</p> <p><i>At least 3 hours at the 300/400 level must be completed.</i></p> <p>ACC 130 Accounting for Non-business Majors (3)</p> <p>ACC 240 Prin of Financial Accounting (3)</p> <p>ACC 241 Prin 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><sup>1</sup>MGMT 480W Management Responsibility &amp; Ethics (3)</p> <p>TM 308 Seminar in Technological Impacts (3)</p> <p>TM 377/378/379 Special Topics (1/2/3)</p> <p><sup>2</sup>TM 387 Cooperative Education (3)</p> <p>TM 477/478/479 Special Topics (1/2/3)</p> <p>TM 420 Women and Technology (3)</p> <p>TM 495 Technology, Values, and the Future (3)</p> <p><b>Additional Requirement (0-3 credits)</b></p> <p>One LBC course or noncredit experience must be completed at EMU. TM 387 Cooperative Education satisfies the LBC requirement. See the program advisor for other options.</p> <p><b>Minimum Credits at EMU:..... 30-33</b></p> <p><b>Minimum Credits to Graduate: .....124</b></p>	<p><b>Owens Community College Approved Technical Programs/Disciplines</b></p> <p>Accounting</p> <p>Business Management – All Options</p> <p>Information Systems – All Options</p> <p>Marketing and Sales</p> <p>Office Administration – All Options</p> <p>Dental Hygiene</p> <p>Food, Nutrition and Hospitality – All Options</p> <p>Exercise Science</p> <p>Health Information Technology – All Options</p> <p>Medical Imaging Technologies – All Options</p> <p>Registered Nursing</p> <p>Law Enforcement/ Fire Science – All Options</p> <p>Commercial Art Technology</p> <p>Commercial Photography Technology</p> <p>Design Technologies – All Options</p> <p>Electrical/Electronics Engineering Technologies – All Options</p> <p>Manufacturing/Industrial Operations Technologies – All Options</p> <p>Transportation Technologies – All Options</p> <p>Skilled Trades Technologies – All Options</p> <p>Technical Studies Degree with 30 -46 technical credits in any of the approved program disciplines above</p> <p>Other programs with approval of the Technology Management Program Coordinator</p> <p><b>On-line Technology Management Courses</b></p> <p>EMU offers Technology Management Program coursework on-line. Contact the program coordinator for a current list of online courses that may be used for this program. Owens students will pay the in-state tuition charged to Michigan residents. There is an additional fee for online courses. Information on EMU’s online offerings can be found at <a href="http://www.emuonline.edu">www.emuonline.edu</a>.</p>
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<sup>1</sup> Satisfies the Technology Management Writing Intensive requirement

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

*NOTE: If ninety-four 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. See the Program Coordinator for options*

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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. Owens courses indicated with an \* are required for EMU's Technology Management Program. Each Institution will be responsible for determining the satisfaction of program and degree requirements at their own institution.
2. Although this agreement is structured to meet EMU's general education requirements, students whose transcripts are endorsed as "Ohio Transfer Module completed" will only be required to meet three of EMU's general education requirements listed below. All general education requirements may be completed at the most appropriate time for the student whether before or after admission to EMU
  - a) an approved quantitative reasoning course: : [at OCC MTH 125] or [at EMU, if intermediate algebra is completed with a "C" or better, STS 224 (preferred) or MATH 118]
  - b) an approved course in global awareness or US diversity: [AAS 101, 120; ANT 200; ART 203; BUS 260; ENG 215, 225, 251,252, 255; ENV 101; GOV100, 207; GPH 106; HIS 152, 170, 270; HUM 105, 275; MUS 105; SOC 220, 250, 270; SPA 100; SPE 220; THE 245; WST 100, 110; at OCC]
  - c) one approved "learning beyond the classroom" experience or course: [TM 387 or see EMU Program Coordinator for other options.]
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 in courses offered by 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. Under this agreement General Education requirements may be completed at the most appropriate time for the student whether before or after admission to EMU.
5. Students must meet all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. Owens 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 indicate they are using this articulation agreement on their EMU application and bring a copy of this guide to all advising sessions. Copies of this articulation guide are available on EMU's webpage at [www.emich.edu/ccr/artguide.php](http://www.emich.edu/ccr/artguide.php).

**Effective Dates: September 1, 2012 until August 31, 2015**

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 began the program prior to the effective period may use this agreement.

**Contacts:**

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