

COURSE TRANSFERS – WCTC/MSOE Bachelor of Science in Engineering

The list of course transfers is valid *only* for students enrolling in the **Bachelor of Science in Engineering program** at MSOE for the 2013-2014 academic years, based on current course descriptions from Waukesha County Technical College. A grade of “C” or better is required for transfer courses. Individual transfer evaluations are conducted upon acceptance of student to MSOE. All transfer credit is granted conditionally, and students failing a subsequent course may be required to repeat prerequisite courses. See the current MSOE Undergraduate Catalog for complete transfer policies.

Required courses for WCTC AAS Mechanical Engineering Technology:

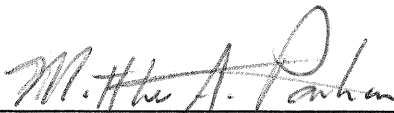
WCTC Courses		MSOE Courses	
420-160 606-162	Manufacturing Processes - Cold (2) <i>AND</i> Manufacturing Processes - Hot (2)	ME-323	Manufacturing Processes (4)
606-117	Computer Programming for Engineers (3)	-----	Free Elective (3)
804-198 804-156	Calculus 1 (4) <i>AND</i> Technical Calculus II (4)	MA-136 MA-137 MA-231	Calculus for Engineers I (4) <i>AND</i> Calculus for Engineers II (4) <i>AND</i> Calculus for Engineers III (4)
809-166 809-199	Intro to Ethics: Theory and Application (3) <i>AND</i> Psychology of Human Relations (3)	HU-4XX SS-460 -----	Humanities Course 400 level or above (3) <i>AND</i> Foundations of Psychology (3) <i>AND</i> Social Science / Humanities Elective (3)
606-115 606-186	Tech Drafting / CAD (4) <i>AND</i> PRO E / Mechanical Design (3)	EG-124 GE-3601 GE-3602	CAD Graphics I (3) <i>AND</i> Solid Modeling and Design I (3) <i>AND</i> Solid Modeling and Design II (3)
806-187	Calculus Based Physics 1 (3)	PH-2010	Physics I (4)
606-121	Technical Statics (4)	ME-255	Engineering Statics for Non-Mechanical Engineers (3)
606-123 606-169	Solid Mechanics (3) <i>AND</i> Dynamics (3)	GE-2006 ME-207	Engineering Dynamics (3) <i>AND</i> Mechanics of Materials (4)
606-135 606-145 606-189	Engineering Design Projects I (2) <i>AND</i> Engineering Design Projects II (2) <i>AND</i> Finite Element Analysis / Engineers (3)	GE-3651 ----- -----	Computer Aided Engineering Design (3) <i>AND</i> Free Elective (3) Free Elective (3)
606-170 606-116	Kinematics (3) <i>AND</i> Machine Design Elements (3)	----- ----- -----	Free Elective (3) <i>AND</i> Free Elective (3) <i>AND</i> Free Elective (3)
801-195 801-196	Written Communication (3) <i>AND</i> Oral and Interpersonal Communication (3)	EN-131 EN-241 TC-452	Composition (3) <i>AND</i> Speech (3) <i>AND</i> Interpersonal Communication (3)
809-195	Economics (3)	MS-221	Microeconomics (3)

Recommended Elective:

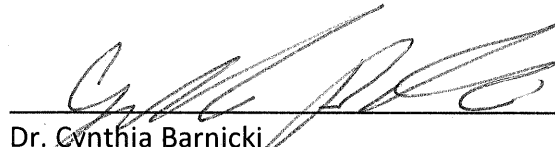
806-188	Calculus Based Physics 2 (3)	PH-2020	Physics II (4)
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Total	26 Classes (25 + elective)		
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Approved November 14, 2012



Dr. Matthew Panhans
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Dr. Cynthia Barnicki
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