

Name \_\_\_\_\_

Student No. \_\_\_\_\_

**WESTERN MICHIGAN UNIVERSITY**  
Department of Industrial & Manufacturing Engineering

**ENGINEERING MANAGEMENT TECHNOLOGY(UEM) - Bachelor of Science Degree**

2008-2009 Catalog

Grade/ Trans.	Semester/ Course		Grade/ Trans.	Semester/ Course	
<u>SEMESTER I - FALL</u>			<u>SEMESTER V - FALL</u>		
_____	_____	<b><i>IME 1020 Technical Communication (Prof. 1)</i></b>	_____	_____	ECON 2010 Principles of Microeconomics (AREA V)
_____	_____	IME 1500 Intro to Manufacturing (AREA VII)	_____	_____	IME 2810 Statics & Strengths of Materials
_____	_____	<b><i>CHEM 110 General Chemistry I (AREA VI)</i></b>	_____	_____	IME 3050 Work Analysis
_____	_____	<b><i>CHEM1110 General Chemistry I Lab. (AREA VI)</i></b>	_____	_____	IME 3150 Work Analysis Lab.
_____	_____	MATH 1180 Pre-Calculus (Prof. 3)	_____	_____	IME 3160 Report Preparation
		<u>4</u>	_____	_____	IME 3200 Engineering Cost Analysis
		14			<u>3</u>
<u>SEMESTER II - SPRING</u>			<u>SEMESTER VI - SPRING</u>		
_____	_____	IME 1420 Engineering Graphics	_____	_____	IME 3120 Systems Decision Making
_____	_____	<b><i>MATH1220 Calculus I (or MATH 2000 or MATH 1700)</i></b>	_____	_____	IME 3260 Operations Planning & Control
		<i>(Prof. 4)</i>	_____	_____	IME 3280 Quality Assurance & Control
_____	_____	PHYS 1130 General Physics I (AREA VI)	_____	_____	IME 4040 Plant Layout & Matl Handling
_____	_____	PHYS 1140 General Physics I Lab (AREA VI)	_____	_____	IME 4220 Engr. Teams:Theory & Pract. (AREA V)
_____	_____	<b><i>ECE 1000 Fundamentals of Circuits &amp; Electronics</i></b>	_____	_____	<u>3</u>
		<u>3</u>			16
		15			
<u>SEMESTER III - FALL</u>			<u>SEMESTER VII - FALL</u>		
_____	_____	IME 1220 Automobile in Society (AREA VII)	_____	_____	IME 4020 Supervision of Industrial Operations
_____	_____	ECE 1010 Fundamentals of Electronics & Mach.	_____	_____	IME 4120 Industrial Systems Mgmt
_____	_____	CS 1040 Introduction to C/C++ OR CS-1021	_____	_____	IME 4910 Multidisciplinary Sr. Proposal (Prof. 2)
		And CS-1023	_____	_____	Approved Tech. Elective
_____	_____	<b><i>PHYS 1150 General Physics II</i></b>	_____	_____	Approved Tech. Elective
_____	_____	<b><i>PHYS 1160 General Physics II Lab</i></b>	_____	_____	<u>3</u>
_____	_____	AREA VIII Health & Well-Being	_____	_____	14
		<u>2</u>			
		15			
<u>SEMESTER IV - SPRING</u>			<u>SEMESTER VIII - SPRING</u>		
_____	_____	IME 2460 Introduction to CAD	_____	_____	MGMT3520 Human Resource Management
_____	_____	MSE 2540 Properties of Materials OR ME-2500	_____	_____	IME 4920 Multidisciplinary Sr. Proj. (Prof. 2)
_____	_____	MSE 2550 Materials Science Laboratory	_____	_____	IME 4930 Multidisciplinary Sr. Proj. Consultation
		OR ME-2500	_____	_____	AREA II* Humanities
_____	_____	ACTY 2100 Principles of Accounting	_____	_____	AREA III* United States: Culture and Issues
_____	_____	MATH2600 Elementary Statistics (Prof. 4)	_____	_____	Approved Tech. Elective
		OR IME-2610	_____	_____	<u>3</u>
_____	_____	AREA I* Fine Arts	_____	_____	15
		<u>3</u>			
		17			
			<u>SEMESTER IX - SPRING</u>		
_____	_____		_____	_____	IME 4200 Modern Industrial Systems
_____	_____		_____	_____	AREA IV* Other Cultures and Civilizations
					<u>3</u>
					6

\* At least one of these courses must be at the 300-400 level

NOTE: A grade of "C" or better in gate courses (indicated in italicized type) is required for enrollment in upper division courses offered by the Department of Industrial & Manufacturing Engineering.

**TOTAL----129 Credits**