

# Management and Engineering for Manufacturing Undergraduate Curriculum Map

**Semester**

<b>1</b>	CHEM 1127Q or 1147Q Chemistry 1	ENGR 1000 (100) Orientation to Eng	MATH 1131Q Calculus I	CSE 1010 Intro. to Eng. Comp.	ENGL 1010/1011 (Composition)	
<b>2</b>	MEM 1151 Introd MEM	ECON 1200 Princip Econ	MATH 1132Q Calculus II	STAT 1000Q or 1100Q Elem. Stats	Gen Ed CA 4	
<b>3</b>	MEM 2211 Intro Manuf Syst	MEM 2212 Manuf Lab	MATH 2110Q Multiv. Calc	PHYS 1501Q Phys Eng I	CE 2110 Applied Mechanics I	ANTH 1000 or GEOG 1700
<b>4</b>	PHIL 1104 Philo Soc Ethics	ACCT 2001 Princ Finan Accou	MATH 2410Q Elementary Diff. Eq.	PHYS 1502Q Phys Eng II	HIST 1400 Modern Western	Free Elective
<b>5</b>	MEM 3221 Intro Prod Proc	ACCT 2101 Prin Manag Accou	OPIM 3801 Prin Proj Manag	ECE 2000 Elec. Comp. Eng Princ	CE 3110 Mechanics of Materials	MSE 2101 (201) Mat. Sci. & Eng.
<b>6</b>	MEM 3231 Comp in Manuf	FNCE 3101 Financial Manag	OPIM 3652 Indus Qua Contr	MGMT 3101 Manag Int Beha	ME 2233 Thermodynamics	MSE 2102 (201) Mat. Sci. & Eng.
<b>7</b>	MEM 4971W Senior Design I	MEM 4225 Adv Prod Proc	MKTG 3101 Intro Market Manag	ME 3221 Manuf Autom	ME 3263 Sensors & Data	Engineering Elective
<b>8</b>	MEM 4972W Senior Design II	Business Elective	BLAW 3175 Legal Eth Env Bus	MGMT 4900 Strat, Pol & Plan	ME 3227 Design Mach. Elem.	

Freshman

Sophomore

Junior

Senior

<b>Color Key</b>	General	Engineering	Business
	Computer Science & Eng.	Electrical & Computer Sci.	Math
	Chemistry	Materials Science & Eng.	Physics
	Mechanical Engineering	Civil & Enviro. Eng.	MEM