

Management and Engineering for Manufacturing Undergraduate Curriculum Map

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|-----------------|----------|---------------------------------------|---------------------------------------|------------------------------------|---------------------------------------|-----------------------------------|------------------------------------|-----------|
| Semester | 1 | 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) | Freshman | |
| | 2 | MEM 1151 Introd MEM | ECON 1200 Princip Econ | MATH 1132Q Calculus II | STAT 1000Q or 1100Q Elem. Stats | Gen Ed CA 4 | | |
| | 3 | 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 | Sophomore |
| | 4 | 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 | |
| | 5 | 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. | Junior |
| | 6 | 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. | |
| | 7 | 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 | Senior |
| | 8 | MEM 4972W Senior Design II | Business Elective | BLAW 3175 Legal Eth Env Bus | MGMT 4900 Strat, Pol & Plan | ME 3227 Design Mach. Elem. | | |

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