

Junior Curriculum Planning Sheet

Year 20__ / __

School of Mechanical, Industrial, and Manufacturing Engineering

| Course # | Course Name | Prerequisite or (c) Co-requisite | cr | F | W | S | Taken | Fall | Winter | Spring | Next Yr |
|----------|--|---|----|---|---|---|-------|------|--------|--------|---------|
| ME 316 | Mechanics of Materials | ENGR 213, MTH 256 | 3 | X | | | | | | | |
| ME 317 | Intermediate Dynamics | ENGR 212, MTH 256, ME 373 (c) | 4 | | X | | | | | | |
| ME 451 | Intro to Instrumentation / Measurement Systems | ME 311, 316, 317, 373, ST 314, ENGR 202 | 4 | X | | X | | | | | |
| ME 373 | Mechanical Engineering Methods | MTH 256, ENGR 112 or Equivalent | 3 | | X | | | | | | |
| ME 382 | Introduction to Design | ME 316 (c), ENGR 248, ME 250 | 4 | X | | | | | | | |
| ME 383 | Mechanical Component Design | ME 382, ME 316 | 4 | | X | | | | | | |
| ME 311 | Introduction to Thermal-Fluid Sciences | MTH 256, ENGR 212 | 4 | X | X | | | | | | |
| ME 312 | Thermodynamics | ME 311 or ENGR 311 | 4 | | X | X | | | | | |
| ENGR 321 | Materials Science | CH 202 | 4 | X | X | | | | | | |
| ENGR 322 | Mechanical Properties of Materials | ENGR 213, 321 | 3 | | X | X | | | | | |
| ME 331 | Introductory Fluid Mechanics | ME 311 OR ENGR 311 | 4 | | X | X | | | | | |
| ME 332 | Heat Transfer | ME 331 OR ENGR 331 | 4 | X | X | X | | | | | |
| ENGR 391 | Engineering Economy & Project Management | Sophomore Standing | 3 | X | X | X | | | | | |
| ME 250 | Intro to Manufacturing Processes | ENGR 248 | 1 | X | X | X | | | | | |

(*w) – may be waived – see advisor

Other

| | | | | | | | | | | | |
|-------------------------------|--|-----------------------------|--------|----|---|---|--|--|--|--|--|
| ENGR 407 | MECOP Seminar | Accepted/waiting list MECOP | 1 | X* | | | | | | | |
| ENGR 202 | Electrical Fundamentals II | ENGR 201 | 3 | | X | X | | | | | |
| ENGR 213 | Strength of Materials | ENGR 211 | 3 | X | X | X | | | | | |
| ENGR 248 | Engineering Graphics and Design – Solidworks | | 3 | X | X | X | | | | | |
| WR 327 | Technical Writing | WR 121 | 3 | X | X | X | | | | | |
| ST 314 | Intro to Statistics for Engineers | | 3 | X | X | X | | | | | |
| CH 202 | Chemistry for Engineering Majors | | 3 | | X | | | | | | |
| CH 205 | Chemistry Lab for CH 202 | | 1 | | X | | | | | | |
| COMM 111/114 | Public Speaking or Argument/Critical Discourse | | 3 | X | X | X | | | | | |
| | Synthesis | | 3 or 4 | X | X | X | | | | | |
| | Perspective | | 3 or 4 | X | X | X | | | | | |
| Total Credits Per Term | | | | | | | | | | | |
| Approved: Advisor's Initials | | | | | | | | | | | |
| Date | | | | | | | | | | | |

Check your registration status!

Log on to Student Online Services

Click Registration, then "Check registration status"

Phase I (Up to 16 credits) _____ Phase II (Additional credits & Wait listing) _____