Mechanical Engineering Curriculum Flow Chart

AY2019-2020 UPDATED: 10.10.19

Fall 1st Year
- ENGR:1000 (0) Fresh. Sem.
- RHET:1030 (4) Rhetoric
- MATH:1550* (4) Eng. Math I
- CHEM:1110 (4) Prin.of Chem I

Spring 1st Year
- ENGR:1300 (3) Intro Eng Computing
- MATH:2550 (2) Eng. Math III
- MATH:1560* (4) Eng. Math II

Fall 2nd Year
- MATH:2560 (3) Eng. Math IV
- ENGR:2120* (3) FE II Circuits
- PHYS:1612 (3) Intro. Physics II
- ENGR:2110 (2) FE I Statics

Spring 2nd Year
- ME:2300 (3) Fund Design & Manuf.
- MATH:2710 (3) Dynamics
- ENGR:2720 (3) Material Science

Fall 3rd Year
- MATH:3550 (3) Eng. Math V
- ENGR:2510 (4) Fluid Mechanics

Spring 3rd Year
- ME:3045* (3) Heat Transfer
- ME:4048 (4) Energy Sys. Design

Fall 4th Year
- ME:4086 (3) MEDP
- EFA IV (3)
- EFA VI (3)

Spring 4th Year
- EFA V (3)
- GEC V (3)
- EFA VII (3)
- ME:3091 (0) Profess. Seminar

**NOTE** ME:2300 & STAT:2020 may be interchanged.

Notes:
Number in parentheses indicates the number of semester hours.
Light outline: course is offered in fall and spring.
Light dashed outline: course is offered fall, spring and summer.*
Heavy outline: course is offered only once per year in the indicated semester.
Heavy dashed outline: course is offered only in the indicated semester and summer.*
Solid arrow: pre-requisite Dashed arrow: co-requisite.
* Summer courses are offered subject to meeting minimum enrollment requirements.