Mechanical Engineering BS Curriculum Flowchart

Semesters

1st
- MATH 1451 CAL I
- CHEM 1307 CHEM I
- ENGR 1315 INTRO TO ENGR
- ENGL 1301 ESS COLL RHET
- HIST 2300 HIST US TO 1877

2nd
- MATH 1452 CAL II
- PHYS 1408 PHYS I
- ENGR 1206 ENGR GRAPHICS
- ENGL 1302 ADV COLL RHET
- HIST ELEC

3rd
- MATH 2450 CAL III
- PHYS 2401 PHYS II
- ECE 3301 GEN ELEC ENGR
- POLS 1301 AM GOV ORG
- ORAL – SPCH ELEC

4th
- MATH 3350 HIGH MATH - ENGR
- ME 2301 STATICS
- ME 2302 DYNAMICS
- ME 2322 THERMO I
- ME 2115 FUND COMP PROG

5th
- ME 3403 MECH OF SOLIDS
- ME 3004 FEA LAB
- ME 3311 MATERIALS SCI
- ME 3215 NUMER METH
- ME 3370 FLUID MECH

6th
- ME 3365 INTRO TO DESIGN
- ME 3164 FEA LAB
- ME 3228 MAT & MECH LAB
- ME 3333 SYS & VIBRATIONS
- ME 3371 HEAT TRANSFER

7th
- ME 4370 DESIGN I
- ME 4234 CONT DYN SYS LAB
- ME 4334 CONT DYN SYS
- ME 4371 DESIGN II

8th
- ME 4371 DESIGN II
- DEPT ELEC
- DEPT ELEC
- IE 2324 ENG ECON ANALYSIS
- VIS/PINDR ART ELEC

All students must satisfy the university foreign language requirement with 2 yrs foreign language credit from high school OR 2 semesters of college credit.

Prerequisite
Prerequisite (May be taken concurrently)

MATH/SCI ELEC
DEPT ELEC
HUMANITIES* ELEC
VIS/PINDR ART ELEC

*Hum. or VPA course that also meets the multicultural req.

Mechanical Engineering Courses
Engineering
General Education Requirements
Science Requirements
Math Requirements
Other