B.S. in Mechanical Engineering 2012-2013

Mechanical Engineering - Pre-professional Courses

Freshman 1st Semester 17 hrs

- MAE 1104 Intro. to Eng.
- MAE 1105 Intro. to MAE
- MATH 1426 Calc. I
  ** MATH 2513
- PHYS 1443 Tech. Phys. I with lab
  ** PHYS 2425

Freshman 2nd Semester 17 hrs

- MAE 1350 Eng. Graphics
  ** ENGR 1304 (Prof. only)
- MATH 2425 Calc. II
  ** MATH 2414
- PHYS 1444 Tech. Phys. II with lab
  ** PHYS 2426

Sophomore 1st Semester 15 hrs

- MATH 3330 Intro. to Matrices and Linear Algebra
- MAE 2360 Num. Anal. & Prog.
- MATH 2326 Calc III
  ** MATH 2315
- MAE 2323 Dynamics
  ** ENGR 2302

Sophomore 2nd Semester 15 hrs

- MAE 2381 Exp. Meth. & Meas.
- MAE 3360 Eng. Analysis
- EE 2320 Circuit Analysis
  ***ENGR 2305
- MAE 3310 Thermodynamics I
- MAE 3324 Properties of Materials

All three GPA’s must be 2.25 or higher to progress to professional program.

Updated Feb 9, 2012