

USA

MECHANICAL ENGINEERING 2005-2006

March 8, 2005
Release 8.0b
File: Flow 2005

STUDENT
NAME _____

STUDENT
NUMBER _____

FRESHMAN YEAR _____

SOPHOMORE YEAR _____

JUNIOR YEAR _____

SENIOR YEAR ****

HUMANITIES _____

SOCIAL SCIENCES _____

1. _____
2. _____
3. _____

ME 135
Engr. Graph
3cr. 0.5D

* EH 101
Comp. I
3cr.

* EH 102
Comp. II
3cr.

** ME 123
Intro Des
3cr. 1.5D

* MA 125
Calculus I
4cr.

* MA 126
Calculus II
4cr.

* CH 131
Chem. I
4cr.

PH 201
Physics I
4cr.

CIS 227
Comp/Num
3cr.

MA 237
Lin. Alg.
3cr.

EG 283
Statics
3cr.

EG 284
Dynamics
3cr.

MA 227
Calculus III
4cr.

MA 238
Diff. Eq.
3cr.

PH 202
Physics II
4cr.

EG 360
Fluids
3cr.

ME 317
Heat Tr.
3cr. 0.5D

ME 328
ME Anal.
3cr. 0.5D

ME 336
Mat.Sci.Lab
1cr (W)

ME 326
Mat'l Sci.
3cr. 0.5D

ME 314
MachComp
3cr. 1.0D

EG 270
Thermo
3cr.

ME 312
ME Thermo
3cr. 0.5D

ME 421
Mech Sys
3cr. 3.0D

ME
ME Elective
3cr. D

ME 413
Capstone I
2cr. 2.0D

ME 414
Capstone II
2cr. 2.0D

ME 426
Controls
3cr.

ME 429
Contr. Lab
1cr. 0.5D

ME 411
Therm.Sys.
3cr. 3.0D

ME 472
Vibrations
3cr. 1.0D

ME 412
Th.Sci.Lab
1cr.

Tech. El.
3cr.

EG 230
Engr. Econ
3cr.

EG 220
Circuits
3cr.

EG 316
Instr.(W)3
ME319(1)

EG 220 or 270 or 283

* PCS is obtained by completing
EH 101 & 102, MA 125 & 126
and CH 131.

PCS is required for all 300 and
400-level Engineering Courses.

** ME 123 is prerequisite to all
ME Courses with Design.

****All required 100 & 200-level courses are prerequisite to 400-level courses.
Overall & Engineering GPA's of 2.00 are required for 300 & 400-level courses.