MECHANICAL ENGINEERING
2004-2005

USA

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HUMANITIES	SOCIAL SCIENCES
1.	1.
2.	2.
3.	3.

STUDENT NAME _____ STUDENT NUMBER _____

FRESHMAN YEAR | SOPHOMORE YEAR | JUNIOR YEAR | SENIOR YEAR ****

ME 135 Engr.Graph 3cr. 0.5D

EH 101 Comp. I 3cr. *
EH 102 Comp. II 3cr. *
ME 123 Intro Des 3cr. 1.5D **

CIS 227 Comp/Num 3cr.
MA 237 Lin. Alg. 3cr.
EG 283 Statics 3cr.
EG 284 Dynamics 3cr.

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 421 Mech Sys 3cr. 3.0D
ME 413 Capstone I 2cr. 2.0D
ME 414 Capstone II 2cr. 2.0D

ME_____ ME Elective 3cr.

MA 125 Calculus I 4cr. *
MA 126 Calculus II 4cr. *
MA 227 Calculus III 4cr.
Co
MA 238 Diff. Eq. 3cr.

ME 326 Mat'l Sci. 3cr. 0.5D
ME 314 MachComp 3cr. 1.0D

ME 426 Controls 3cr.
ME 429 Contr. Lab 1cr. 0.5D

Co

CH 131 Chem. I 4cr. *
PH 201 Physics I 4cr.
PH 202 Physics II 4cr.
EG 315 Mech. Mat. 3cr.
EG 270 Thermo 3cr.

ME 312 ME Thermo 3cr. 0.5D
ME 411 Therm.Sys. 3cr. 3.0D
ME 472 Vibrations 3cr. 1.0D

EG 220 Circuits 3cr.
EG 230 Engr. Econ 3cr.
ME 316 Instr.(W)3 ME319(1)
ME 412 Th.Sci.Lab 1cr.
_____ Tech. El. 3cr.

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.