

Freshman Curriculum Planning Sheet

Year 20__ / __

School of Mechanical, Industrial, and Manufacturing Engineering

August 10, 2009

8/10/2009 mce

Course #	Course Name	Prerequisite or (c) Co-requisite	cr	F	W	S	Taken	Fall	Winter	Spring	Next Yr
ME 101	Intro to Mechanical Engineering (ME)	H.S. Trigonometry	3	X							
ENGR 111	Engineering Orientation GE		3	X							
IE 285	Intro to Industrial Engineering (IE and MfgE)		3	X							
ENGR 112	Engineering Orientation II – MATLAB		3	X	X	X					
ENGR 248	Engineering Graphics and Design – Solidworks		3	X	X	X					
CH 201	Chemistry for ENGR Majors	MTH 111 (c)	3	X							
CH 202	Chemistry for ENGR Majors	CH 201	3		X						
CH 205	Chemistry Lab for CH 202	Required for ME majors, Graded	1		X						
MTH 111	College Algebra	Math Placement	4	X	X	X					
MTH 112	Elementary Functions (Trig)	Math Placement	4	X	X	X					
MTH 251	Differential Calculus	Math Placement	4	X	X	X					
MTH 252	Integral Calculus	MTH 251	4	X	X	X					
MTH 254	Vector Calculus I	MTH 252	4	X	X	X					
MTH 306	Infinite Series/Linear Algebra	MTH 252	4	X	X	X					
MTH 256	Applied Differential Equations	MTH 254	4	X	X	X					
PH 211	General Physics with Calculus	MTH 251, MTH 252 (c)	4	X		X					
PH 212	General Physics with Calculus	PH 211, MTH 252, MTH 254 (c)	4	X	X	X					
PH 213	General Physics with Calculus	PH 212, MTH 254	4	X	X	X					
COMM 111/114	Public Speaking or Argument/Critical Discourse		3	X	X	X					
HHS 231 & PAC	Lifetime Health & Fitness (or NFM 232)		2 & 1	X	X	X					
WR 121	Composition		3	A-G	H-N	O-Z					

Perspectives (ME's must take ECON 201 or 202 for SPI)			3 or 4								
Difference, Power, and Discrimination			3 or 4								
Biology Science			4								

Recommended Optional Courses			cr	F	W	S	Taken	Fall	Winter	Spring	Next Yr
CH 211	Chemistry Recitation for CH 201	Graded P/N	1	X							
CH 212	Chemistry Recitation for CH 202	Graded P/N	1		X						
PH 221	Physics Recitation for PH 211	Graded P/N	1	X		X					
PH 222	Physics Recitation for PH 212	Graded P/N	1	X	X	X					
PH 223	Physics Recitation for PH 212	Graded P/N	1	X	X	X					
MTH 199	Excel Workshop for MTH 111 or MTH 112	Instructor's consent, Separate sections, P/N	1	X	X	X					
MTH 299	Excel Workshop for MTH 252 or MTH 252	Instructor's consent, Separate sections, P/N	2	X	X	X					
*Courses marked with R are calculated into the Pre-Core GPA for pro-school admission. Courses marked with (R) are prerequisites for pro-school, but are not calculated into your Pre-Core GPA.											
Total Credits Per Term											
Approved: Advisor's Initials											
Date											

Check your registration status!

Log on to Student Online Services
Click Registration, then "Check registration status"
Phase I (Up to 16 credits) _____ Phase II (Additional credits & Wait listing) _____

FALL
WINTER
SPRING