Mechanical Engineering Curriculum Fall 2006-Spring 2007 (4 Year Plan) age 4) State Board: 12crs H/SS (6crs of each, SS must be in 2 disciplines)

CORE: U	JI (see page 4) State Board: 1	2crs	H/SS	(6crs	of each	, SS must be	in 2 disciplines)				_	
				Fr	eshr	nan Year						
		cert	credit	grade	plan			cert	credit	grade	plan	
Engl 102	Coll Writing and Rhetoric		3			Math 175	Analytic Geom II and Calc		4			
Math 170	Analytic Geom I and Calc		4			Phys 211	Engr Phy I, lec		3			
ME 123(F)	Intro to ME Design		3			Phys 211	Engr Phy I, lab		1			
Core Disc.	Freshman Disc. Part I		4			Chem 111	Principles of Chemistry I		4			
Comm 101	Fund of Public Speaking		2			Engr 210	Engr Statics		3			
						Core Disc.	Freshman Disc. Part 2		3			
	TOTAL		16		TOTA	A L	18					
	Ī		ı	1		nore Year			T	ı		
	0 1015 11 15 11	cert	credit	grade	plan			cert	credit	grade	plan	
Math 310	Ord Differential Equations		3			Math 275	Analytic Geom III and Calc		3			
MSE 201(F)	ŭ		3) Engr Phys III, lec		3			
Phys 212	Engr Phys II, lec		3) Engr Phys III, lab		1			
Phys 212	Engr Phys II, lab		1			Engr 220	Engr Dynamics		3			
ME 223	Mechanical Design Analysis		3			Engr 240	Intro to Elec Circuits		3			
Engr 350	Engr. Mech of Materials		3			ME 225	Intro to Machine Design		2			
			16			CT	ME Certification		0			
	TOTAL		TOTA	AL .	15							
				i i		or Year			1.,	Ι,		
ME 244/E)	Internal distant March and a		credit	grade	plan	ME 225(C)	Marking Davis		credit	grade	plan	
ME 341(F)	Intermediate Mechanics		3			ME 325(S)	Machine Design		3			
Engr 335	Engr Fluid Mechanics		3			ME 345	Heat Transfer		3			
Engr 320	Engr Thermo and Heat Transfer		3			ME 324(S)	Dyn Analysis in Mach Design		3			
ME 301	Computer Aided Engineering		3			ME 330	Exp Methods for Engineers		3			
ME 313	Dyn Modeling of Engr Systems		3			Ethics**		_	3			
Econ*	TOTAL		3			TE***	TOTA		3 18			
	TUTAL		18		Soni	or Year	1017	AL.	18			
			credit	grade		Di I Gai			credit	grade	plan	
ME 424(F)	Mechanical Sys Design I		3	grado	Piuli	ME 426(S)	Mechanical Sys Design II		3	grado	piaii	
ME 430	Senior Lab		3			TE***	Weenaniear Sys Design ii		3			
ME 435(F)	Thermal Systems Design		3			TE***		_	3			
TE***	memai systems besign		3			Cluster***		_	3			
Engl 317	Technical Writing		3			CE 411	FE Review		1			
Liigi 517	reclinical writing	ļ	<u> </u>			OL TII	I L Review		'			
	TOTAL		15				TOTA	۸L	13			
	ses - Necessary or Taken		credit	grade	plan		Requirement: you may accum					
Math 108	Intermediate Algebra		3			_	D or F in the mathematics, scient		_	_		
Math 143	Pre-calc Alg and Analytic Geom		3			courses use	ed to satisfy graduation required	nents (repeats	includ	led).	
Engl 090	Developmental Writing		0									
Engl 101	Intro to College Writing		3			To pass CT, you may accumulate no more than 3 grades at D or F						
Chem 050	Chemistry Fundamentals		0			in the courses marked with a "cert" box (repeats included). You						
						must also e	earn at least 5 grades better than	a C in	the cou	ırses		
		1				marked wit	th a "cert" box.					
						\$E 201	E 202 E 272					
						*Econ 201, Econ 202 or Econ 272.						
-						**Phil 103			•		_	
					***See Technical Elective appendix for choices2 must be ME							
						lecture-based courses, and 2 may be chosen from the rest of the list. ****Completion of H/S, cluster, upper division, and international						
		·					neet university and departmenta	-			00	

ME DEPT & UNIV MINIMUM CR HOURS REQUIRED: 129