

Curriculum (Prep for Calc, 4-year)

FALL			SPRING		
FRESHMAN YEAR					
25.107	Intro. to Engg. I	(2)	25.108	Intro. to Engg. II	(2)
42.101	College Writing I	(3)	42.102	Col. Writing II	(3)
____	Gen. Ed. Elective	(3)	92.131/33	Calculus I	(4)
92.127	Prep. for Calculus	(4)	95.141	Physics I	(3)
84.117	Sel. Top. Chem.	(3)	96.141	Physics I Lab	(1)
84.119	Sel. Top. Chem Lab	<u>(1)</u>	____	Gen. Ed. Elective	<u>(3)</u>
		(16)			(16)
Summer following Freshman year					
92.132/4	Calculus II	(4)			
(this is a pre-req. for 22.211 Statics)					
SOPHOMORE YEAR					
22.201	Des. Lab I CAD	(2)	22.202	Des. Lab II Mach.	(2)
95.245	Physics of Matter	(3)	22.212	Mechs. of Materials	(3)
96.245	Physics Matter Lab	(1)	22.213	Dynamics	(3)
22.211	Statics	(3)	16.211	Fund. of Electricity	(3)
22.296	Mech Behav Mat'ls	(3)	16.212	Fund. of Elec. Lab	(1)
____	Gen. Ed. Elective	<u>(3)</u>	92.236	Eng. Diff. Eqns.	<u>(3)</u>
		(15)			(15)
Summer following Sophomore year					
92.231/33	Calculus III	(4)			
JUNIOR YEAR					
22.242	Thermodynamics	(3)	22.302	ME Lab I (Instrum)	(3)
22.381	Fluid Mechanics	(3)	22.322	Mech. Des. II (dyn)	(3)
22.321	Mech. Des. I (kine)	(3)	22-341	Cond & Rad Ht Tr	(3)
22.361	Math. Methods	(3)	22.311	App. Strength	(3)
45.334/5/41	Gen. Ed. (Ethics)	<u>(3)</u>	49.201/02	Economics	<u>(3)</u>
		(15)			(15)
SENIOR YEAR					
22.342	Convective Proc.	(3)	22.423	Capstone Des.	(3)
22.403	ME Lab II - Appls	(3)	22.xxx	ME Tech. Elec.	(3)
22.425	Des. Mach. Elems.	(3)	22.441	Anal. Ther/Fl Proc.	(3)
22.451	Dynamic Systems	(3)	22.xxx	ME Tech. Elec	(3)
22.473	Des. Th. & Constr.	(3)	____	Gen. Ed. Elective	<u>(3)</u>
22.____	ME Tech Elec	<u>(3)</u>			(15)
		(18)			