

Curriculum Sheet						Electrical Engineering						Revised for Students Entering 2006-2007 Academic Year					
FALL - Freshman						WINTER - Freshman						SPRING - Freshman					
Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds
Freshman Enrichment	GE-100.02	1	0	1		Freshman Engineering 2	GE-105	3	0	3		Freshman Engineering 3	GE-106	3	0	3	
Freshman Engineering 1	GE-104	3	0	3		Calculus 2	MATH-164	4	0	4		Calculus 3	MATH-165	4	0	4	
Calculus 1	MATH-163	4	0	4		Physics: Mechanics	PHYS-231	4	0	4		Physics: Ht-Snd-Lgt	PHYS-232	4	0	4	
Writing 1	ENGL-110	4	0	4		Phys Lab: Mechanics	PHYS-234	0	2	1		Phys Lab: Ht-Snd-Lgt	PHYS-235	0	2	1	
GenEdElect*100-300	GEE100-300	4	0	4		Religion Elective*	RELG-xxx	4	0	4		GenEdElect*100-300	GEE100-300	4	0	4	
	Totals	16	0	16			Totals	15	2	16			Totals	15	2	16	
FALL - Sophomore						WINTER - Sophomore						SPRING - Sophomore					
Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds
Circuits 1	GE-201	3	2	4		Circuits 2	GE-202	3	2	4		Dynamics	GE-214	4	0	4	
Programming 1	ECCS-164	4	0	4		Statics	GE-113	4	0	4		Digital Electronics	ECCS-261	4	3	5	
Linear Algebra	MATH-272	4	0	4		Discrete Math	MATH-336	4	0	4		Calculus 4	MATH-263	4	0	4	
Physics: Elec-Mag	PHYS-233	4	0	4		Differential Eqns	MATH-275	4	0	4		Ethics in Prof Life	PHIL-240	4	0	4	
Phys Lab: Elec-Mag	PHYS-236	0	2	1													
	Totals	15	4	17			Totals	15	2	16			Totals	16	3	17	
FALL - Junior						WINTER - Junior						SPRING - Junior					
Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds
Signals & Sys 1	ECCS-314	4	0	4		Analog Elec 2	ECCS-322	3	3	4		Power Electronics	ECCS-339	3	3	4	
Analog Elec 1	ECCS-321	3	3	4		Elec Mach & Pwr Syst	ECCS-338	3	3	4		Control Systems 2	ECCS-345	3	3	4	
Electromagnetics	ECCS-337	4	0	4		Control Systems 1	ECCS-344	3	3	4		General Tech Elective*	TCE-xxx	4	0	4	
Stat for Sci & Engrs	STAT-280	4	0	4		Chemistry 1	CHEM-225	4	0	4		Chemistry 2	CHEM-226	3	0	4	
	Totals	15	3	16			Totals	13	9	16		Lab for Chem-226	CHEM-227	0	3	0	
													Totals	13	9	16	
FALL - Senior						WINTER - Senior						SPRING - Senior					
Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds	Course Name	Crs Number	Lec	Lab	Crds	Grds
Sen Design Sem	ECCS-404	2	0	2		Senior Design	ECCS-405	1	9	3		Engr Tech Comm	ECCS-406	1	0	1	
Signals & Sys 2	ECCS-414	4	0	4		Digital Signal Proc	ECCS-411	3	2	4		Comm Systems 2	ECCS-459	3	3	4	
Microprocessors	ECCS-362	3	3	4		Comm Systems 1	ECCS-458	3	3	4		EE Technical Elective*	ECCSxxx	4	0	4	
Microeconomics	IBEC-202	4	0	4		Engr Economy	ECCS-472	4	0	4		EE Technical Elective*	ECCSxxx	4	0	4	
	Totals	13	3	14			Totals	11	14	15		GenEdElect*200-300	GEE200-300	4	0	4	
													Totals	16	3	17	
Curriculum is subject to change.																	
Last revised: 4 / 11 / 2006						* See Dept. office for a list of electives and requirements.						Required graduation hours: 192					