

Name: _____

ID: _____

Revised 08/19/2008

Required Course	Pre-Req	CR	Done (X)	(write number of credit hours in boxes below)								Later (X)		
				Su 08	F 08	W 09	Sp 09	Su 09	F 09	W 10	Sp 10			
ECE 111	con=MTH 111 Recommended	3												
ECE 112	MTH 111/MTH 251/MPT>=17	3												
ECE 271	con=MTH 251/231	3												
ECE 272	ECE 112/ENGR 201, con=ECE 271	1												
CH 201	con=MTH 111	3												
CH 202	CH 201/CH 221/CH 121	3												
MTH 111	MTH 095 or equivalent	4												
MTH 112	MTH 111	4												
MTH 251	MTH 112	4												
MTH 252	MTH 251	4												
MTH 254	MTH 252	4												
MTH 255	MTH 254	4												
MTH 256	MTH 254	4												
MTH 306	MTH 252	4												
CS 161	con=MTH 231/(min = ECE 271)	4												
CS 162 (CS 151 < F05)	CS 161, MTH 231/(min = ECE 271)	4												
CS 261 (Rest Elect < F05)	CS 162, (MTH 231/min = ECE 271)	4												
PH 211	MTH 251	4												
PH 212	MTH 252, PH 211	4												
PH 213	MTH 254, PH 212	4												
ENGR 201	MTH 251, MTH 252	3												
ENGR 202	ENGR 201	3												
ENGR 203	ENGR 202, MTH 256	3												
ENGR 211	MTH 252, con=MTH 254, Soph	3												
ENGR 212	ENGR 211, PH 211	3												
ENGR 390	Sophomore in CoE (MTH 252)	3												
WR 121	Last Name (Fall=A-G, Winter=H-N, Spring=O-Z)	3												
WR 327	WR 121	3												
COMM 111/114		3												
ECE 317/416	ENGR 201, calculus, physics, chem)	3												
ECE 322	ENGR 203	4												
ECE 323	ECE 322	4												
ECE 351	ENGR 203, MTH 256	3												
ECE 352	ECE 351, MTH 306	4												
ECE 353	ECE 351, MTH 254	3												
ECE 375	ECE 271, (C/C++ PROGRAMMING)	4												
ECE 390	MTH 255, con=ENGR 203	4												
ECE 331	ECE 390, ENGR 202, (R- ENGR 211,	4												
ECE 391	ENGR 203, MTH 254, 256	3												
ME 311	MTH 256, ENGR 212	4												
PH 314	PH 213, co=MTH 256	4												
ECE 441	ECE 322, ECE 351, (CS 261/ECE 375)	2												
ECE 442	ECE 441 (same academic year)	2												
ECE 443	ECE 442 (same academic year)	2												
ECE 4XX =		4												
ECE 4XX =		4												
ECE 4XX =		4												
ECE 4XX =		4												
ECE 4XX =		4												
Unrestricted Elective		2-3												
HHS Lecture (Last Name Fall=O-Z, Winter=A-G, Spring=H-N)		2												
HHS Lab		1												
Biology + Lab		4												
Perspective (Western Culture)		3												
Perspective (Cultural Diversity)		3												
Perspective (Literature & Arts)		3												
Perspective (Social Processes and Institutions)		3												
Difference, Power, & Discrimination		3												
Synthesis (Science, Technology, & Society)-Junior		3												
Synthesis (Contemporary Global Issues)-Junior		3												
CREDITS FROM BACK PAGE														
TOTAL CREDITS PER TERM														

P FALL 2008: _____
 I WINTER 2009: _____
 N SPRING 2009: _____

Su 08 F 08 W 09 Sp 09 Su 09 F 09 W 10 Sp 10

Reviewed by: _____ Date _____
 (Advisor Signature)

Course	(write number of credit hours in boxes below)							
	Su 08	F 08	W 09	Sp 09	Su 09	F 09	W 10	Sp 10
O T H E R								

ECE 4XX COURSES - 20 CREDITS REQUIRED

Course	CR	Pre-Req	Term
ECE 417 - Semicond. Devices II	3	ECE 416/ECE 317(old #)	Winter
ECE 418 - Semicond Processing (Lab Course)	4	ECE 416/ECE 317(old #)/equivalent	Spring
ECE 422 - CMOS Analog Integrated Cir I	4	ECE 322, con=ECE 323	Fall
ECE 423 - CMOS Analog Integrated Cir II	4	ECE 422	Winter
ECE 431 - Power Electronics (Lab Course)	4	ECE 322, ECE 352, con=ECE 323, (3-phase power)	Fall
ECE 432 - Electro-Mech Machines (Lab Course)	4	ECE 331, (R-ENGR 212)	Spring 2009
ECE 433 - Power Sys Analysis	4	ECE 323, ECE 352, (three-phase power)	Spring
ECE 438 - Electric & Hybrid Vehicles	4	ENGR 202, ENGR 212	Spring 2010
ECE 451/ME 430-Ctrl Eng Dsgn I (Lab Course)	4	(ENGR 212, ECE 351, ECE 352)/ME 317	Fall, Winter
ECE 461 - Communications I	4	ECE 351, ECE 352, ECE 353	Fall
ECE 462 - Communications II	4	ECE 461, ECE 351, ECE 352, ECE 353	Winter
ECE 463 - Wireless Comm. Ntwrk	4	ECE 351, ECE 352	Not Offered
ECE 464 - Digital Signal Processing	4	ECE 351, ECE 352	Winter
ECE 468 - Image Processing	4	ECE 351, ECE 352	Fall
ECE 471 - Advanced Digital & Int. Circuit Design	4	ECE 271, ECE 375, (Beginning Verilog/VHDL)	Winter
ECE/(CS) 472 - Comp. Architecture	4	ECE 375	Fall, Spring
ECE 473 - Miccomp. Sys Design (Lab Course)	4	ECE 322, ECE 375, CS 261	Fall
ECE 474 - VLSI System Design	4	ECE 322, ECE 375	Spring 09, Winter 10
ECE 476 - Adv Comp Networks	4	ECE 372/CS 372/ECE 465 (old #)	Winter
ECE 477 - Multimedia Systems	4	ECE 375	Spring
ECE 478 - Network Security	4	computer networks, operating systems	Not offered
ECE 482/PH 482 - Optical Elec Sys (Lab Course)	4	ECE 391/PH 481/equivalent	Fall
ECE 483/PH 483 - Guided Wave Optics (Lab Course)	4	con=ECE 391/con=PH 481	Spring
ECE 484 - Antennas & Propagation	4	ECE 390, ECE 391	Not Offered
ECE 485 - Microwave Design Tech (Lab Course)	4	ECE 390, ECE 391	Spring 2009
ECE 499 - Engineering Magnetics	3	ECE 390	Winter
ECE 499 - Sensors	4	ECE 322 & 323	Spring
ECE 499 - Digital Integrated Circuits	4	ECE 323	Not Offered
ECE 499 - Material Science of Nanotechnology	3	ECE 317/416	Spring 2008