

2010 ELECTRICAL ENGINEERING				DEGREE REQUIREMENT CHECKSHEET				
COLLEGE OF ENGINEERING & COMPUTER SCIENCE				UNIVERSITY OF CENTRAL FLORIDA				
NAME:				SSN:				
GENERAL EDUCATION PROGRAM				ENGINEERING MAJOR		SH Grd Trans Equiv		
* Indicates "C-" minimum required by the Gordon Rule				EGN 1006 Intro to Engr Prof	1	#		
** Indicates minimum "C" or better grade				EGN 1007 Engr Concepts and Methods	1	#		
COMMUNICATION - 9 SH			SH	Grd	Trans Equiv	EGN 3310 Statics	3	
ENC 1101	3	*				EGN 3321 Engineering Analysis-Dynamics <i>or</i> EGN 3358 Thermo-Fluids-Heat Transfer	3	
ENC 1102	3	*				PHY 3101 Physics for Engr and Sci III	3	
SPC 1608	3					EGN 3420 Engineering Analysis	3	
CULTURAL & HISTORICAL - 9 SH			SH	Grd	Trans Equiv	STA 3032 Probability & Statistics for Engrs	GE	
2001, HUM 2211, HUM 2230, WOH 2012, WOH 2022	6	*				EEL 3004 Electrical Networks	3	
Approved Cultural Foundations course:	3					EEL 3123C Networks and Systems	4	
SOCIAL FOUNDATION - 6 SH			SH	Grd	Trans Equiv	EEE 3350 Semiconductor Devices I	3	
ANT 2000/ PSY 2012/ SYG 2000	3					EEE 3307C Electronics I	4	
ECO 2013 <i>or</i> ECO 2023	3					EEE 3342C Digital Systems	3	
SCIENCE - 6 SH			SH	Grd	Trans Equiv	EEL 3470 Electromagnetic Fields	3	
GEO 1200 <i>or</i> GEO 2370 (either GEO is preferred <i>or</i> BSC 1050C <i>or</i> BSC 1005C <i>or</i> GLY 1030	3					EEL 3552C Signal Analysis & Communications	4	
PHY 2048/L Phys for Engrs & Sci I	4					EEL 3657 Linear Control Systems	3	
MATHEMATICAL - 6 SH			SH	Grd	Trans Equiv	EEL 3801C Computer Organization	3	
MAC 2311 Calculus I	4	**				EEE 4309C Electronics II	4	
STA 3032 Prob & Stats for Engrs	3	*				EEL 4750 Digital Signal Processing Fund.	3	
GPA Gen Ed Prog =	38					EEL 4767C Embedded System	4	
						Technical Electives	10	
						EEL 4914 Senior Design I	3	
ENGINEERING CORE			SH	Grd	Trans Equiv	EEL 4915L Senior Design II	3	
MAC 2311 Calculus I	GE	**				SUBTOTAL SEM HRS	71	
MAC 2312 Calculus II	4	**				GPA Engr Option =		
MAC 2313 Calculus III	4	**				(2.250 minimum)		
MAP 2302 Differential Equations	3	**				FE Exam Encouraged (take during Senior year)		
CHS 1440/L Chem for Engrs (or CHM 2045/L)	4					Date FE Exam Taken:		Score:
PHY 2048/L Phys for Engrs & Sci I and Lab	GE	**				ADVISOR COMMENTS:		
PHY 2049/L Phys for Engrs & Sci II and Lab	4	**						
SUBTOTAL SEM HRS	19							