

Electrical Engineering (EE) 201010 2009-2010 Work/Check Sheet - 128 Crs

Name _____, + _____ Number _____ Date _____

Name	Number	Date
Freshman Year		
Recommended Schedule		
First Semester		
EAS 101 Computing, Engineering & Society	1	<input type="checkbox"/>
ENG 111 College Composition (MPF I)	3	<input type="checkbox"/>
MTH 151 Calculus I	5	<input type="checkbox"/>
PHY 181 Physics I	4	<input type="checkbox"/>
PHY 183 Physics II Lab	1	<input type="checkbox"/>
CSA 153 Introduction to C/C++ Programming	3	<input type="checkbox"/>
	17	
Second Semester		
EAS 102 Problem Solving and Design	3	<input type="checkbox"/>
ENG 112 Composition and Literature	3	<input type="checkbox"/>
MTH 251 Calculus II	4	<input type="checkbox"/>
PHY 182 Physics II	4	<input type="checkbox"/>
PHY 184 Physics II Lab	1	<input type="checkbox"/>
_____ (MPF II) Miami Plan Foundation	3	<input type="checkbox"/>
	18	
Sophomore Year		
First Semester		
ECE 205 Electric Circuit Analysis I	3	<input type="checkbox"/>
ECE 287 Digital Systems Design	4	<input type="checkbox"/>
MTH 222 Linear Algebra	3	<input type="checkbox"/>
MTH 252 Calculus III	4	<input type="checkbox"/>
_____ (MPF III A) US Cultures	3	<input type="checkbox"/>
	17	
Second Semester		
CHM 141 College Chemistry	3	<input type="checkbox"/>
CHM 144 Chemistry Lab	2	<input type="checkbox"/>
ECE 305 Electric Circuit Analysis II	3	<input type="checkbox"/>
MTH 347 Differential Equations	3	<input type="checkbox"/>
_____ (MPF IV A) Biological Science	3	<input type="checkbox"/>
_____ (MPF III B) World Cultures	3	<input type="checkbox"/>
	17	
Junior Year		
First Semester		
ECE 304 Electronics	3	<input type="checkbox"/>
ECE 306 Signals and Systems	3	<input type="checkbox"/>
ECE 325 Applied Electromagnetics	3	<input type="checkbox"/>
ECE 345* Random Signal Processing	3	<input type="checkbox"/>
ENG 313 Technical Writing	3	<input type="checkbox"/>
	15	
Second Semester		
ECE 387 Embedded Systems Design	4	<input type="checkbox"/>
ECE 425 Digital Signal Processing	3	<input type="checkbox"/>
ECE ____ Professional EE Elective	3	<input type="checkbox"/>
ECO 201 Microeconomics	3	<input type="checkbox"/>
_____ General Technical Elective	3	<input type="checkbox"/>
	16	
Senior Year		
First Semester		
ECE 448 Senior Design Project I	2	<input type="checkbox"/>
ECE 436 Control of Dynamics Systems	3	<input type="checkbox"/>
ECE 453^ Communication Systems	3	<input type="checkbox"/>
ECE ____ Professional EE Elective	3	<input type="checkbox"/>
_____ General Technical Elective	3	<input type="checkbox"/>
	14	
Second Semester		
ECE 449 Senior Design Project II	2	<input type="checkbox"/>
ECE ____ Professional EE Elective	3	<input type="checkbox"/>
_____ General Technical Elective	3	<input type="checkbox"/>
_____ (MPF II A) Fine Arts Elective	3	<input type="checkbox"/>
_____ (MPF II B) Humanities Elective	3	<input type="checkbox"/>
	14	

General Education (27 hrs)	Cr	Sem	Gr
English (9 hrs)			
ENG 111 College Composition	3	_____	_____
ENG 112 Composition and Literature	3	_____	_____
ENG 313 Technical Writing	3	_____	_____
Fine Arts, Humanities, & Social Science (12 hrs)			
ECO 201 Principles of Microeconomics	3	_____	_____
____ MPF II A Fine Arts Elective	3	_____	_____
____ MPF II B Humanities Elective	3	_____	_____
____ MPF II Elective	3	_____	_____
US and World Cultures (6 hrs)			
____ MPF III A US Cultures Elective	3	_____	_____
____ MPF III B World Cultures Elective	3	_____	_____
Mathematics & Science (37 hrs)			
MTH 151 Calculus I	5	_____	_____
MTH 222 Linear Algebra	3	_____	_____
MTH 347 Differential Equations	3	_____	_____
MTH 251 Calculus II	4	_____	_____
MTH 252 Calculus III	4	_____	_____
PHY 181 Physics I	4	_____	_____
PHY 183 Physics I Lab	1	_____	_____
PHY 182 Physics II	4	_____	_____
PHY 184 Physics II Lab	1	_____	_____
CHM 141 College Chemistry	3	_____	_____
CHM 144 College Chemistry Lab	2	_____	_____
____ MPF IV A Biological Science	3	_____	_____
Required Computer Science (12 hrs)			
CSA 153 Introduction to C/C++ Programming	3	_____	_____
Required General Engineering (8hrs)			
EAS 101 Computing, Engineering & Society	1	_____	_____
EAS 102 Problem Solving and Design	3	_____	_____
ECE/MME 448 Senior Design Project I	2	_____	_____
ECE/MME 449 Senior Design Project II	2	_____	_____
Required Engineering (35 hrs)			
ECE 205 Electric Circuit Analysis I	3	_____	_____
ECE 287 Digital Systems Design	4	_____	_____
ECE 304 Electronics	3	_____	_____
ECE 305 Electric Circuit Analysis II	3	_____	_____
ECE 306 Signals and Systems	3	_____	_____
ECE 325 Applied Electromagnetics	3	_____	_____
ECE 345* Random Signal Processing	3	_____	_____
ECE 387 Computing Systems Design	4	_____	_____
ECE 425 Digital Signal Processing	3	_____	_____
ECE 436 Control of Dynamic Systems	3	_____	_____
ECE 453 Communication Systems or	3	_____	_____
ECE 461 Network Performance Analysis	3	_____	_____
Professional EE Electives (9 hrs)			
ECE ____ Professional EE Elective	3	_____	_____
ECE ____ Professional EE Elective	3	_____	_____
ECE ____ Professional EE Elective	3	_____	_____
Thematic Sequence (MTH-3) built-in (9 hrs)			
*STA 301/368 can be substituted for ECE 345			

^ECE 461 may be substituted for ECE 453

Electrical Engineering (EE) Blank Work/Check Sheet - 128 Crs

Freshman Year First Semester

Total Hours	

Freshman Year Second Semester

Total Hours	

Sophomore Year First Semester

Total Hours	

Sophomore Year Second Semester

Total Hours	

Junior Year First Semester

Total Hours	

Junior Year Second Semester

Total Hours	

Senior Year First Semester

Total Hours	

Senior Year Second Semester

Total Hours	

Fifth Year First Semester

Total Hours	

DAR Changes:

Thematic Sequence (9) Liberal Education sequence outside your major focused around a theme.

	3	
	3	
	3	