

# Electrical Engineering (EE) 201210 2011-2012 Work/Check Sheet - 129 Crs

Name _____, + _____	Number	Date
<b>Freshman Year Recommended Schedule</b>		
<b>First Semester</b>		
EAS 101 Computing, Engineering & Society	1	<input type="checkbox"/>
Miami Plan English 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"/>
CSE 153 Introduction to C/C++ Programming	3	<input type="checkbox"/>
	17	
<b>Second Semester</b>		
EAS 102 Problem Solving and Design	3	<input type="checkbox"/>
Miami Plan English Composition (MPF I)	3	<input type="checkbox"/>
MTH 251 Calculus II or MTH 249, 257H	4	<input type="checkbox"/>
PHY 182 Physics II	4	<input type="checkbox"/>
PHY 184 Physics II Lab	1	<input type="checkbox"/>
CSE 262 Tech., Ethics, & Global Society <small>MPF IIB</small>	3	<input type="checkbox"/>
	18	
<b>Sophomore Year</b>		
<b>First Semester</b>		
ECE 205 Electric Circuit Analysis I	4	<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"/>
_____ Global Perspective (MPF III)	3	<input type="checkbox"/>
	18	
<b>Second Semester</b>		
CHM 141 College Chemistry	3	<input type="checkbox"/>
CHM 144 Chemistry Lab	2	<input type="checkbox"/>
ECE 303 Computer-Aided Experimentation	3	<input type="checkbox"/>
MTH 347 Differential Equations	3	<input type="checkbox"/>
_____ Biological Science (MPF IV A)	3	<input type="checkbox"/>
_____ Global Perspective (MPF III)	3	<input type="checkbox"/>
	17	
<b>Junior Year</b>		
<b>First Semester</b>		
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	
<b>Second Semester</b>		
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	
<b>Senior Year</b>		
<b>First Semester</b>		
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	
<b>Second Semester</b>		
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"/>
_____ Fine Arts Elective (MPF II A)	3	<input type="checkbox"/>
_____ Global Perspective (MPF III)	3	<input type="checkbox"/>
	14	

General Education (27 hrs)	Cr	Sem	Gr
<b>English (9 hrs)</b>			
_____ Miami Plan English Comp. (MPF I)	3	_____	_____
_____ Miami Plan English Comp. (MPF I)	3	_____	_____
ENG 313 Technical Writing	3	_____	_____
<b>Fine Arts, Humanities, &amp; Social Science (9 hrs)</b>			
ECO 201 Principles of Microeconomics	3	_____	_____
_____ Fine Arts Elective (MPF II A)	3	_____	_____
CSE 262 Tech., Ethics, & Global Society <small>(MPF IIB)</small>	3	_____	_____
<b>Global Perspectives (6-9 hrs)</b>			
_____ Global Perspective (MPF III)	3	_____	_____
_____ Global Perspective (MPF III)	3	_____	_____
_____ Global Perspective (MPF III)	3	_____	_____
<b>Mathematics &amp; Science (37 hrs)</b>			
MTH 151 Calculus I	5	_____	_____
MTH 222 Linear Algebra	3	_____	_____
MTH 347 Differential Equations	3	_____	_____
MTH 251 Calculus II or MTH 249, 257H	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	_____	_____
_____ Biological Science (MPF IV A)	3	_____	_____
<b>Required Computer Science (3 hrs)</b>			
CSE 153 Introduction to C/C++ Programming	3	_____	_____
<b>Required General Engineering (8hrs)</b>			
EAS 101 Computing, Engineering & Society	1	_____	_____
EAS 102 Problem Solving and Design	3	_____	_____
ECE 448 Senior Design Project I	2	_____	_____
ECE 449 Senior Design Project II	2	_____	_____
<b>Required Engineering (35 -36 hrs)</b>			
ECE 205 Electric Circuit Analysis I	4	_____	_____
ECE 287 Digital Systems Design	4	_____	_____
ECE 304 Electronics	3	_____	_____
ECE 303 Computer-Aided Experimentation	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 <b>or</b>	3	_____	_____
ECE 461 Network Performance Analysis	3	_____	_____
<b>Professional EE Electives (9 hrs)</b>			
ECE _____ Professional EE Elective	3	_____	_____
ECE _____ Professional EE Elective	3	_____	_____
ECE _____ Professional EE Elective	3	_____	_____
<b>General Technical Electives (9 hrs)</b>			
_____ General Technical Elective	3	_____	_____
_____ General Technical Elective	3	_____	_____
_____ General Technical Elective	3	_____	_____
Thematic Sequence (MTH-3) built-in (9 hrs)			

# Electrical Engineering (EE) Blank Work/Check Sheet - 129 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:

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

	<b>3</b>	
	<b>3</b>	
	<b>3</b>	