

Computer Engineering (CpE) 201210 2011-2012 Work/Check Sheet - 129 Crs

Name _____, + _____	Number	Date
Freshman Year		
Recommended Schedule		
First Semester		
EAS 101 Computing, Engineering & Society	1	<input type="text"/>
Miami Plan English Comp. Elective (MPF I)	3	<input type="text"/>
MTH 151 Calculus I	5	<input type="text"/>
PHY 181 Physics I	4	<input type="text"/>
PHY 183 Physics II Lab	1	<input type="text"/>
CSE 174 Fund. of Prog. and Problem Solving	<u>3</u>	<input type="text"/>
	17	
Second Semester		
EAS 102 Problem Solving and Design	3	<input type="text"/>
Miami Plan English Comp. Elective (MPF I)	3	<input type="text"/>
MTH 251 Calculus II or MTH 249, 257H	4	<input type="text"/>
PHY 182 Physics II	4	<input type="text"/>
PHY 184 Physics II Lab	1	<input type="text"/>
CSE 271 Object-Oriented Programming	<u>3</u>	<input type="text"/>
	18	
Sophomore Year		
First Semester		
ECE 205 Electric Circuit Analysis I	4	<input type="text"/>
ECE 287 Digital Systems Design	4	<input type="text"/>
MTH 222 Linear Algebra	3	<input type="text"/>
MTH 252 Calculus III	4	<input type="text"/>
___ ___ MPF II B Humanities	<u>3</u>	<input type="text"/>
	18	
Second Semester		
CHM 141 College Chemistry	3	<input type="text"/>
CHM 144 Chemistry Lab	2	<input type="text"/>
CSE 274 Data Abstraction & Data Structures	3	<input type="text"/>
EGR 303 Computer-Aided Experimentation	3	<input type="text"/>
ECE/CSE 278 Computer Architecture	3	<input type="text"/>
MTH 347 Differential Equations	<u>3</u>	<input type="text"/>
	17	
Junior Year		
First Semester		
ECE 304 Electronics	3	<input type="text"/>
ECE 306 Signals and Systems	3	<input type="text"/>
ECE 345 Random signal Processing	3	<input type="text"/>
CSE 381 Operating Systems	3	<input type="text"/>
ENG 313 Technical Writing	<u>3</u>	<input type="text"/>
	15	
Second Semester		
ECE 387 Embedded Systems Design	4	<input type="text"/>
ECE 425 Digital Signal Processing	3	<input type="text"/>
ECE ___ Professional CpE Elective	3	<input type="text"/>
ECO 201 Microeconomics	3	<input type="text"/>
___ ___ Biological Science (MPF IV A)	<u>3</u>	<input type="text"/>
	16	
Senior Year		
First Semester		
ECE 448 Senior Design Project I	2	<input type="text"/>
ECE 461 Network Performance Analysis	3	<input type="text"/>
ECE ___ Professional CpE Elective	3	<input type="text"/>
___ ___ Global Perspectives (MPF III)	3	<input type="text"/>
___ ___ Global Perspectives (MPF III)	<u>3</u>	<input type="text"/>
	14	
Second Semester		
ECE 449 Senior Design Project II	2	<input type="text"/>
ECE ___ Professional CpE Elective	3	<input type="text"/>
___ ___ General Technical Elective	3	<input type="text"/>
___ ___ Fine Arts Elective (MPF II A)	3	<input type="text"/>
___ ___ Global Perspectives (MPF III)	<u>3</u>	<input type="text"/>
	14	

General Education (27 hrs)	Cr	Sem	Gr
English (9 hrs)			
___ ___ Miami Plan English Comp. Elective	3	___	___
___ ___ Miami Plan English Comp. Elective	3	___	___
ENG 313 Technical Writing	3	___	___
Fine Arts, Humanities, & Social Science (12 hrs)			
ECO 201 Principles of Microeconomics	3	___	___
___ ___ Fine Arts Elective (MPF II A)	3	___	___
___ ___ Humanities Elective (MPF II B)	3	___	___
Global Perspective (6-9 hrs)			
___ ___ Global Perspective	3	___	___
___ ___ Global Perspective	3	___	___
___ ___ Global Perspective	3	___	___
Mathematics & Science (37 hrs)			
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	___	___
Required Computer Science (12 hrs)			
CSE 174 Fundamentals of Programming	3	___	___
CSE 271 Object-Oriented Programming	3	___	___
CSE 274 Data Abstraction & Data Structure	3	___	___
CSE 381 Operating Systems	3	___	___
Required General Engineering (8 hrs)			
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	___	___
Required Engineering (32 hrs)			
ECE 205 Electric Circuit Analysis I	4	___	___
ECE 278 Computer Architecture	3	___	___
ECE 287 Digital Systems Design	4	___	___
ECE 304 Electronics	3	___	___
ECE 303 Computer-Aided Experimentation	3	___	___
ECE 306 Signals and Systems	3	___	___
ECE 345 Random Signal Processing	3	___	___
ECE 387 Computing Systems Design	4	___	___
ECE 425 Digital Signal Processing	3	___	___
ECE 461 Network Performance Analysis	3	___	___
Professional CpE Electives (9 hrs)			
ECE ___ Professional CpE Elective	3	___	___
ECE ___ Professional CpE Elective	3	___	___
ECE ___ Professional CpE Elective	3	___	___
General Technical Electives (3 hrs)			
ECE ___ General Technical Elective	3	___	___
Thematic Sequence (CSA-2 and MTH-3) built-in (9 hrs)			

Computer Engineering (CpE) 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:

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

	3	
	3	
	3	