

SOUTHERN UNIVERSITY AND A&M COLLEGE
College of Engineering & Computer Science
Department of Electrical Engineering
ELECTRONICS ENGINEERING TECHNOLOGY CURRICULUM SHEET
2012-2014 Catalog

FRESHMAN YEAR							
First Semester				Second Semester			
Course	Dept	No	Cr	Course	Dept	No	Cr
Freshman Comp	ENGL	110	3	Freshman Composition	ENGL	111	3
General Chem Lab	CHEM	112	1	Freshman Engr. II	ENGR	130	2
Freshman Engr. I	ENGR	120	2	Pre-Calculus Math II	MATH	140	3
General Chem Lec.	CHEM	132	3	Elements of Physics	PHYS	142	4
Pre-Calculus Math I	MATH	135	3	DC CKT Analysis	EENT	110	3
Elements of Physics	PHYS	141	4	DC CKT Analysis Lab	EENT	111	1
Total			16	Total			16
SOPHOMORE YEAR							
First Semester				Second Semester			
Course	Dept	No	Cr	Course	Dept	No	Cr
AC CKT Analysis Lec	EENT	210	3	Electronic CKT II Lec	EENT	216	3
AC CKT Analysis Lab.	EENT	211	1	Electronic CKT II Lab.	EENT	217	1
Electronics CKT I Lec.	EENT	212	3	Digital Logic Design Lec	EENT	220	3
Electronics CKT I Lab	EENT	213	1	Digital Logic Design Lab	EENT	221	1
Tech Communication	ENGR	230	2	Calculus II	MATH	265	4
Calculus I	MATH	264	4	Health/PhEd Elective			2
History Elective	HIST		3	History Elective	HIST		3
Total			17	Total			17
JUNIOR YEAR							
First Semester				Second Semester			
Course	Dept	No	Cr	Course	Dept	No	Cr
Microprocessor Lec	EENT	316	3	Economics	ECON	205	3
Microprocessor Lab	EENT	317	1	Electrical Mach. Lec.	EENT	360	3
Fund Sig & Data Pro Lec	EENT	370	3	Electrical Mach. Lab.	EENT	361	1
Fund Signal & Data Lab	EENT	371	1	General Tech Elective			3
Digital Communications	EENT	390	3	Life Science Elective	BIOL		3
Digital Comm. Lab.	EENT	391	1	Statistics for Engr	ENGR	320*	2
Social Science Elective			3				
Total			15	Total			15
SENIOR YEAR							
First Semester				Second Semester			
Course	Dept	No	Cr	Course	Dept	No	Cr
Engineering Seminar	ENGR	400	1	Control System Tech	EENT	450	3
Comp Networking Lec	EENT	480	3	Program Logic Contrs	EENT	460	3
Comp Networking Lab	EENT	481	1	Comp Sec & Data Protec	EENT	486	3
Sr Elect Design Project I	EENT	494	2	Sr Elect Design Project II	EENT	496	2
Electronics Elective	EENT		3	Communication Elective	EENT		3
Arts Elective			3				
English Lit. Elect	ENGL	203^	3				
Total			16	Total			14

OTHER REQUIREMENTS			
Course	Dept	No	Cr
African American Experience	Engl^	203	3
Community Service	Volu	400 or 100, 200 & 300	3
Writing Proficiency	Engl	001	0
Dept. Comp Exam	EENT	000	0
*Math 276 may be taken in place of ENGR 320			
^ Satisfies both requirements			

The required total number of credit hours to fulfill all EET degree requirements is 126.