

# Southern University --- College of Sciences and Engineering

## DEGREE REQUIREMENTS RECORD FORM DEPARTMENT OF ELECTRICAL ENGINEERING

**2017-2020 Catalog** Proposed Date of Graduation \_\_\_\_\_

Student's Name: \_\_\_\_\_ SID: \_\_\_\_\_ Advisor: \_\_\_\_\_  
Last First Middle

First Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Freshman Engr. I	ENGR	120	2			
Calculus I	MATH	264	4			
Fresh. Composition	ENGL	110	3			
General Chem. Lec.	CHEM	132	3			
General Chem. Lab	CHEM	112	1			
Life Science Elec**	BIOL	104	3			
Total			16			

Second Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Freshman Engr. II	ENGR	130	2			
Economics	ECON	205	3			
Calculus II	MATH	265	4			
Freshman Composition	ENGL	111	3			
General Physics	PHYS	221	3			
General Physics Lab	PHYS	223	1			
Total			16			

### FRESHMAN YEAR

First Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Elec Circuits I	ELEN	208	3			
Elec Circuit Lab I	ELEN	210	1			
General Physics	PHYS	222	3			
General Physics Lab	PHYS	224	1			
Tech. Communication	ENGR	230	2			
Calculus III	MATH	364	4			
Health/PE			2			
Total			16			

Second Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Elec Circuits II	ELEN	209	3			
Elec Circuit Lab II	ELEN	211	1			
Literature Elective**			3			
Diff. Eq. for Engineers	ENGR	330	3			
Engr. Mechanics	MEEN	229	4			
History Elective	HIST		3			
Total			17			

### SOPHOMORE YEAR

First Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Engr. Electronics I	ELEN	312	3			
Engr. Electronics Lab I	ELEN	314	1			
Prob. & Statistics	ENGR	320	2			
E/M Field Theory	ELEN	341	3			
Engineering Econ.	CIEN	310	3			
Digital Logic Design	ELEN	303	3			
Digital Logic Lab	ELEN	305	1			
Total			16			

Second Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Engr. Electronics II	ELEN	313	3			
Engr. Electronics Lab II	ELEN	315	1			
Electrical Machines I	ELEN	342	3			
Elec. Machines Lab I	ELEN	344	1			
Signals and Systems	ELEN	390	3			
Intro to Microprocessors	ELEN	304	3			
Microprocessors Lab	ELEN	306	1			
Technical Elective			3			
Total			18			

### JUNIOR YEAR

First Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Communication Engr. I	ELEN	409	3			
Senior Design Project I	ELEN	493	1			
Control Syst. Analysis	ELEN	431	3			
Thermodynamics I	MEEN	300	3			
Engr. Seminar	ENGR	400	1			
Technical Elective			3			
Total			14			

Second Semester						
Course	Dept	No	Cr	Grd	Sem	Yr
Senior Design Project II	ELEN	494	2			
Technical Elective			3			
Technical Elective Lab			1			
Arts Elective**			3			
Social Sci. Elective**			3			
History Elective	HIST		3			
Total			15			

### SENIOR YEAR

#### OTHER REQUIREMENTS:

Course	Dept	No	Cr	Grd	Sem	Yr
African American Experience			3			
Service Learning	SVLR	400 or 100, 200, & 300	3			
Writing Proficiency	ENGL	001	0			
Dept. Comp Exam	ELEN	000	0			

#### APPROVALS:

Faculty Advisor: _____	Date: _____
Department Chair: _____	Date: _____
Academic Dean: _____	Date: _____

\*Satisfies both requirements, other courses may be taken, see the catalog

\*\*Choose from the EE H&S Elective List

#### Notes

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