Southern University --- College of Sciences and Engineering

DEGREE REQUIREMENTS RECORD FORM

ELECTRICAL ENGINEERING PROGRAM

2024-2026 Catalog Proposed Date of Graduation _____

Student's Name: _____ SID: _____ Advisor: _____
Last **First** **Middle**

FRESHMAN YEAR

First Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Freshman Engr. I	ENGR	120B	2			
Calculus I	SMAT	211B	4			
Fresh. Composition	SENL	101B	3			
General Chem. Lec.	SCHE	132B	3			
General Chem. Lab	SCHE	132LB	1			
College Success Skills	FRMN		2			
Total			15			

Second Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Freshman Engr. II	ENGR	130B	2			
English Composition II	SENL	102B	3			
Calculus II	SMAT	212B	4			
General Physics	SPHY	213B	3			
General Physics Lab	SPHY	213LB	1			
Life Science	SBIO		3			
Total			16			

SOPHOMORE YEAR

First Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Elec Circuits I	ELEN	208B	3			
Elec Circuit Lab I	ELEN	210B	1			
General Physics	SPHY	215B	3			
General Physics Lab	SPHY	214LB	1			
Tech. Communication	ENGR	230B	2			
Calculus III	MATH	364B	4			
Economics	SECO	211B	3			
Total			17			

Second Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Elec Circuits II	ELEN	209B	3			
Elec Circuit Lab II	ELEN	211B	1			
Literature Elective**	SENL*	240B	3			
Diff. Eq. for Engineers	ENGR	330B	3			
Digital Logic Design	ELEN	303B	3			
Digital Logic Design Lab	ELEN	305B	1			
History Elective	SHIS		3			
Total			17			

JUNIOR YEAR

First Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Engr. Electronics I	ELEN	312B	3			
Engr. Electronics Lab I	ELEN	314B	1			
Prob. & Statistics	ENGR	320B	2			
E/M Field Theory	ELEN	341B	3			
Engineering Econ.	CIEN	310B	3			
Microprocessors	ELEN	304B	3			
Microprocessors Lab	ELEN	306B	1			
Total			16			

Second Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Engr. Electronics II	ELEN	313B	3			
Engr. Electronics Lab II	ELEN	315B	1			
Electrical Machines I	ELEN	342B	3			
Elec. Machines Lab I	ELEN	344B	1			
Signals and Systems	ELEN	390B	3			
Elec. Engr. Elective	ELEN		3			
Technical Elective			3			
Total			17			

SENIOR YEAR

First Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Senior Design Project I	ELEN	493B	1			
Communication Engr. I	ELEN	409B	3			
Control Syst. Analysis	ELEN	431B	3			
Engr. Seminar	ENGR	400B	1			
Elec. Engr. Elective	ELEN		3			
Technical Elective			3			
Technical Lab Elecive			1			
Total			15			

Second Semester

Course	Dept	No	Cr	Grd	Sem	Yr
Senior Design Project II	ELEN	494B	2			
Elec. Eng. Elective	ELEN		3			
Elec. Eng. Lab Elective	ELEN		1			
Arts Elective**			3			
Social Sci. Elective**			3			
History Elective	SHIS		3			
Total			15			

OTHER REQUIREMENTS:

Course	Dept	No	Cr	Grd	Sem	Yr
African American Experience	SENL*	240B	3			
Service Learning	SVLR	400B or 100B, 200B, & 300B	3			
Writing Proficiency	ENGL	001B	0			
Dept. Comp Exam	ELEN	000B	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_____