

**CURRICULUM LEADING TO THE DEGREE
OF BACHELOR OF SCIENCE IN
ELECTRICAL ENGINEERING TECHNOLOGY
(131 Credits)**

FRESHMAN

First Semester	Credits	Second Semester	Credits
E 150 English Composition I (NP).....	3	E 151 English Composition II (PR: E150).....	3
M 152 Pre-calculus (NP).....	3	M 153 Calculus I (PR: M152).....	3
CS 150 Computer Technology (NP).....	3	H 250 or H 251 History World Civil. (NP).....	3
PE 150/MS 101/HED 151 (NP).....	2	C 150 General Chemistry (NP).....	3
ET 170 Intro. To Engineering Technology (NP).....	3	C 151 General Chemistry Lab (CR: C150).....	1
UNIV 101 Intro. Univ. Community (NP).....	2	ET 150 Mechanical Draw/Basic CAD (NP).....	3
	16		16

SOPHOMORE

First Semester	Credits	Second Semester	Credits
ARTS 250/MU 250/D 254 (NP).....	3	EET 232 Electrical Network Analysis (PR: EET230, PR: P254, CR: M163/M168).....	3
M 163 Calculus II (PR: M153/M158).....	3	EET 233 Circuit Lab (CR: EET 232).....	1
P 254 General Physics I (PR: M153/M158).....	3	P 255 General Physics II (PR: P254)	3
P 251 General Physics I Lab (CR: P254).....	1	P 253 General Physics II Lab (CR: P255)	1
EET 230 Circuit Analysis (PR: M153/M158).....	3	EET 275 Engineering Mathematics (PR: M163/M168)	3
ET 212 Statics (PR: M152).....	3	ET 250 Technical Communications (PR: E151).....	3
M 250 Linear Algebra. for Science and Engineering (PR: M153/M158).....	3	E 250 or E 251 World Literature (PR: E151).....	3
	19		17

JUNIOR

First Semester	Credits	Second Semester	Credits
EET 330 Electronics I (PR: EET230, PR: P254).....	3	EET 332 Electronics II (PR: EET330).....	3
ETS 250 African American. in Tech. & Sc. (NP).....	3	EET 382 Intro. to Microprocessors (PR: EET381).....	3
EET 381 Digital System Design & Analysis (Consent of Instructor).....	3	EET 383 Digital and Microproc. Lab (CR: EET382)...	1
EET 320 Intro. to Comp. Program. (PR: ET170).....	3	EET 392 Intr. to PLC and Virt. Instr. (PR: EET381)....	3
EET 374 Elect. Machines (PR: EET232, PR: P255).	3	ET 255 Engineering Econ. Analysis (PR: M152)	3
EAET 410 Engr. Ethics (Restricted Elect.).....	3	SOC 250/PSY 250 (NP).....	3
	18		16

SENIOR

First Semester	Credits	Second Semester	Credits
EET 333 Electronics Lab (CR: EET332).....	1	EET 443 PLC and Virtual Instr. Lab (CR: EET392)....	1
EET 450 Intro. to Elect. Power Syst. (PR: EET374)....	3	EET 460 Senior Project (PR: EET 459).....	3
EET 453 Machine and Power Lab (CR: EET450)	1	EET 475 Comp. Aided Des. of Elect. Sys (Consent of Instructor).	3
EET 459 Sen.Proj.Prop. (PR: EET230, PR: EET330).	1	EET 480 Introduction to Robotics (PR: EET470).....	3
EET 470 Automatic Control Systems (PR: EET275)...	3	EET 483 Control & Robotics Lab (CR: EET480)	1
EET 375 Electronic Communication (PR: EET330)....	3	Elective	3
Elective	3		
	15		14

Must pass English Proficiency Exam

Abbreviations: NP- No prerequisite, PR- Pre-requisite and CR- Co-requisite

Passing grades: C for all EET courses, C for all ET and EAET courses, D for all math courses, D for CS150, D for all chemistry and all physics courses, C for E150 and E151, D for E250, E 251, D for H 250 and H 251, D for ARTS250, MU250, D254, SOC250, and PSY250