

SIX YEAR PLAN TO COMPLETE THE B.S. IN ELECTRONICS AND COMPUTER ENGINEERING TECHNOLOGY, OPTION IN ELECTRONICS TECHNOLOGY (ET__BS02)

138 Units Required

Department of Electrical Engineering

Semester 1

	Units
University 100	1
GE Math	3-4
CHEM 111A Chemistry (GE B1b)	5
ET 101 Introduction to ET	1
Composition or Oral Communication	3
TOTAL UNITS	13-14

Semester 2

	Units
PHYS 100A Physics (GE B3)	4
ET 170 Engineering Drafting	3
MATH 120 Calculus	4
Composition or Oral Communication	3
TOTAL UNITS	14

Semeter 3

	Units
ET 205/205L Computer App.	2
ET 250/250L Circuit Analysis I	3
PHYS 100B Physics	4
Critical Thinking	3
TOTAL UNITS	12

Semester 4

	Units
ET 252/252L Circuit Analysis II	3
ENGR 203/203L Engr Probl Solv & Anal	4
ET 204 Applied Mechanics-Statics	3
GE class	3
TOTAL UNITS	13

Semester 5

	Units
ET 260/260L Solid State Electronics I	4
ET 286/286L Intro to Obj-Oriented Prog	3
ET 202/202L Statistics & Probability	4
GE class	3
TOTAL UNITS	14

Semester 6

	Units
ET 341/341L Solid State Electronics II	4
ET 388/388L Tech Applcs/Prog Lang	3
ET 255/255L Intro to Digital Elect	3
GE class	3
TOTAL UNITS	13

Semester 7

	Units
ET 360/360L Control Instrumentation	3
ET 410 Cost Engineering & Analysis	3
ET 386/386L Intro to Microprocessors	3
GE class	3
TOTAL UNITS	12

Semester 8

	Units
ET 311 QA Engr Tech	3
ET 350/350L Motors and Generators	3
ECET Elective	2
GE class	3
TOTAL UNITS	11

Semester 9

	Units
ET 442/442L Computer Circuits	3
ET 387/387L Robot Progr & Mechatron	3
GE class	3
TOTAL UNITS	9

Semester 10

	Units
ET 441 Theory of Electronic Control	3
ET 488/488L Microcomputer Sys	3
GE Capstone course	3
TOTAL UNITS	9

Semester 11

	Units
ET 460/460L Elect Packaging & Design	3
ET 309 Industrial Communications	3
GE Capstone course	3
TOTAL UNITS	9

Semester 12

	Units
ET 444 Telecommunications	3
ET 447/447L Indus App of Elec Circuits	3
GE Capstone course	3
TOTAL UNITS	9

Additional requirement for graduation: Three Months full-time work experience.

Engineering Technology students may waive 6 units of General Education (Categories D.2 and B1a or C or E)