

FOUR YEAR PLAN TO COMPLETE THE B.S. IN ELECTRONICS AND COMPUTER ENGINEERING TECHNOLOGY, OPTION IN COMPUTER TECHNOLOGY (ET__BS03)

138 Units Required

Department of Electrical Engineering

Semester 1

	Units
University 100	1
GE Math (GE B.2)	4
PHYS 100A Physics (GE B.1.b)	4
CHEM 111A Chemistry (GE B.1.b)	5
Composition or Oral Communication	3
TOTAL UNITS	17

Semester 2

	Units
PHYS 100B Physics	4
ET 202/202L Stat & Prob	4
ET 205/205L Computer Appl	2
ET 101 Introduction to ET	1
MATH 120 Calculus	4
Oral Communication or Composition	3
TOTAL UNITS	18

Semester 3

	Units
ET 170 Engineering Drafting	3
ET 204 Applied Mechanics-Statics	3
ET 250/250L Circuit Analysis I	3
ET 286/286L Intro to Obj-Oriented Prog	3
Critical Thinking	3
GE class	3
TOTAL UNITS	18

Semester 4

	Units
ET 252/252L Circuit Analysis II	3
ET 255/255L Intro to Digital Elect	3
ENGR 203/203L Engr Probl Solv & Anz	4
ET 309 Industrial Communications	3
GE class	3
TOTAL UNITS	16

Semester 5

	Units
ET 260/260L Solid St Electronics I	4
ET 387/387L Robot Prog & Mechatron	3
ET 386/386L Intro to Microprocessors	3
ET 360/360L Control Instrum	3
ET 442/442L Computer Circuits	3
TOTAL UNITS	16

Semester 6

	Units
ET 311 QA Engr Tech	3
ET 388/388L Tech Applcs/Prog Lang	3
ET 488/488L Microcomp Sys	3
ECET Elective	3
GE class	3
GE Capstone course	3
TOTAL UNITS	18

Semester 7

	Units
ET 410 Cost Engineering & Analysis	3
ET 486/486L Data Structures	3
ET 487/487L Client/Server Comp Tech	3
ET489/489L Computer Interfacing	3
GE class	3
GE Capstone course	3
TOTAL UNITS	18

Semester 8

	Units
ET 492/492L Comp Contr Industr Sys	3
ET 497/497L Comp Network Tech	3
ET 494/494L Appl Syst Dev Proj	3
GE class	6
GE Capstone course	3
TOTAL UNITS	18

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

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