

FIVE 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		Semester 2	
	Units		Units
University 100	1	PHYS 100A Physics (GE B3)	4
GE Math	3	ET 170 Engineering Drafting	3
CHEM 111A Chemistry (GE B1b)	5	ET 205/205L Computer Applications	2
ET 101 Introduction to ET	1	MATH 120 Calculus	4
Oral Communication or Composition	3	Oral Communication or Composition	3
TOTAL UNITS	13	TOTAL UNITS	16

Semester 3		Semester 4	
	Units		Units
ET 202/202L Statistics & Probability	4	ET 252/252L Circuit Analysis II	3
ET 250/250L Circuit Analysis I	3	ET 255/255L Intro to Digital Elect	3
PHYS 100B Physics	4	ENGR 203/203L Engr Probl Solv & Anal	4
Critical Thinking	3	ET 204 Applied Mechanics-Statics	3
		GE class	3
TOTAL UNITS	14	TOTAL UNITS	16

Semester 5		Semester 6	
	Units		Units
ET 260/260L Solid State Electronics I	4	ET 309 Industrial Communications	3
ET 286/286L Intro to Obj-Oriented Prog	3	ET 388/388L Tech Applcs/Prog Lang	3
ET 386/386L Intro to Microprocessors	3	ET 311 QA Engr Tech	3
ET 360/360L Control Instrumentation	3	GE class	3
GE class	3	GE class	3
TOTAL UNITS	16	TOTAL UNITS	15

Semester 7		Semester 8	
	Units		Units
ET 410 Cost Engineering & Analysis	3	ET 488/488L Microcomputer Sys	3
ET 486/486L Data Structures	3	ET 492/492L Comp Control Industr Sys	3
ET 442/442L Computer Circuits	3	ECET Elective	3
ET 387/387L Robot Progr & Mechatron	3	GE Capstone course	3
TOTAL UNITS	12	TOTAL UNITS	12

Semester 9		Semester 10	
	Units		Units
ET489/489L Computer Interfacing	3	ET 497/497L Computer Network Tech	3
ET 487/487L Client/Server Comp Tech	3	ET 494/494L Applied Systems Dev Proj	3
GE Capstone course	3	GE Capstone course	3
GE class	3	GE class	3
TOTAL UNITS	12	TOTAL UNITS	12

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)