

TEXAS SOUTHERN UNIVERSITY
COLLEGE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF ENGINEERING TECHNOLOGIES
CURRICULUM FOR MAJORS IN
COMPUTER ENGINEERING TECHNOLOGY

FRESHMAN YEAR

FIRST SEMESTER	SH	GR	SECOND SEMESTER	SH	GR
ELET 111 DC Circuits Lab	1	_____	ELET 113 AC Circuits Lab	1	_____
ELET 131 DC Circuits	3	_____	ELET 133 AC Circuits	3	_____
ELET 130 Introduction to Stru. Programming with C++	3	_____	ENG 132 Freshman English II	3	_____
DRAFT 233 Introduction to Computer-Aided Design	3	_____	MATH 134 Plane Trigonometry	3	_____
* MATH 133 College Algebra	3	_____	CHEM 111 General Chemistry Laboratory I	1	_____
* ENG 131 Freshman English I	3	_____	CHEM 131 General Chemistry I	3	_____
ITEC 111 Orientation	1	_____		14	_____
	17	_____			

SOPHOMORE YEAR

ELET 112 Electronics I Lab	1	_____	ELET 213 Digital Hardware Design Lab	1	_____
ELET 132 Electronics I	3	_____	ELET 243 Digital Hardware Design	3	_____
ELET 214 Digital Logic Circuits Lab	1	_____	MATH 242 Calculus & Anal Geometry II	4	_____
ELET 241 Digital Logic Circuits	3	_____	MUSIC 239 Fine Arts in Daily Living	3	_____
MATH 241 Calculus & Anal Geometry I	4	_____	SC 135 Business and Prof. Communication	3	_____
POLSC 231 American Political System I	3	_____	POLSC 231 American Political System I	3	_____
ENG (Any 200 Series)	3	_____		17	_____
	18	_____			

JUNIOR YEAR

ELET 313 Microprocessor Architecture Lab	1	_____	ELET 411 Microcomputer Networks Lab	1	_____
ELET 343 Microprocessor Architecture	3	_____	ELET 434 Microcomputer Networks	3	_____
CMET 331 MicroComputer Operating Systems	3	_____	ITEC 331 Technical Writing	3	_____
PHYS 215 Phys Lab for Technology I	1	_____	PHYS 216 Physics Lab for Tech II	1	_____
PHYS 235 Phys for Technology I	3	_____	PHYS 236 Physics for Tech II	3	_____
MATH 345 Applied Math & Statistics for Technology	3	_____	HIST 232 Soc Pol Hist of U.S.	3	_____
HIST 231 Soc Pol Hist of U.S.	3	_____	GENERAL ELECTIVE	3	_____
	17	_____		17	_____

SENIOR YEAR

ELET 422 Advanced Struc. Prog. With C++	3	_____	CMET 417 Data Communicat. Methods Lab	1	_____
CMET 412 Senior Project I	1	_____	CMET 437 Data Communication Methods	3	_____
CMET 415 Advanced Microcomputer Network Lab	1	_____	CMET 419 Micro Peripheral Hardware Lab	1	_____
CMET 435 Advanced MicroComputer Networks	3	_____	CMET 439 Micro Peripheral Hardware	3	_____
CMET 416 Appl. Microprocessor Software Lab	1	_____	CMET 432 Senior Project II	3	_____
CMET 436 Applications of Microprocessor Software	3	_____	CMET 438 Artificial Intelligence	3	_____
**TECHNICAL ELECTIVE	3	_____	CMET 441 Computer Eng. Tech. Comp Exam	0	_____
	15	_____	CMET 470 Java Programming	3	_____
			ITEC 412 Senior Seminar	1	_____
				18	_____

Student's Name _____

I.D. _____

Local Address _____

Street

City

State

ZipCode

Approved:

David Olowokere, Ph.D., P.E.

Date

Demetrios Kazakos, Ph.D.

Date

Department Chair, Engineering Technologies

Dean, College of Science and Technology

* Pending acceptable scores on English and Mathematics Placement Examinations.

** To be approved by Advisor