

Note: When viewing on-line, click any underlined course prefix to display current course descriptions (may not be available in some browsers).

**ELECTRONICS AND COMPUTER TECHNOLOGY PROGRAM
COLLEGE OF TECHNOLOGY**

2008-2009

B.S. In Technology

Courses Required For Major		Other Required Courses		BG Perspective Core Courses*	
Cooperative Education	8 HRS	University	38-39 HRS		24 HRS
TECH 289 Co-op	4	CS 101	3	Natural Sciences #	
TECH 389 Co-op	4	CS 201	3		3
		ENG 112	3		3
Concentration	45 HRS	MATH 128	5	Humanities & Arts #	
ECT 196 Electrical-Electr Sys+	3	PHYS 201**	5		3
ECT 240 Electric Circuits	3	PHYS 202**	5		3
ECT 241 Electronic Circuits	3	MATH 131 <u>or</u> (MATH 134 & 135)	5-6		3
ECT 249 Dig Elec Comp Sys	3	IPC 306	3	Social & Behavioral Sciences #	
ECT 300 Elec Mach Ctrls	3	STAT 200	3		3
ECT 310 Program Logic Ctrls	3	TECH 302**	3		3
ECT 341 Electronic Devices	3				
ECT 344 Comm Circuits	3	Business (Select)	12 HRS		
ECT 349 Digital Comp Analysis	3	MKT 300 (prereq ECON 200**)	3	Cultural Diversity in U.S. #	
ECT 386 Dig Comm Netwrks I	3	MKT 442	3		3
ECT 441 Instrumentation	3	ACCT 200	3	Core Elective #	
ECT 445 Communications Sys	3	MGMT 300 (prereq STAT 212)	3		3
ECT 453 Digital Comm Ctrls	3	MGMT 305 <u>or</u> MGMT 360	3		
ECT 486 Dig Comm Netwrks II	3	LEGS 301	3		
DESN 104 Desn & Eng Gph I	3	QS 360	3		
		** These courses may be used to meet BG Perspective requirements, but hours are counted only once.		* Select one international perspective course.	
		+ECT 196 must be taken before TECH 289, and must receive a grade of "C" or better		# See Undergraduate Catalog.	
		▪ Matriculation courses are shown in BOLD PRINT			
Technology Electives	6 HRS			Summary	
ECT 490 Prob in ECT	3			Major	59 HRS
CS 202 Objects and Data Abst	3			Other required courses	50 HRS
CS 217 Comp Organ	3			BG Perspective Core	24 HRS
ENGT 110 CAD	3			Total Minimum Program Hours	124 HRS
MFG 428 Automation & CIM	3			Penalty Hours	___ HRS
TECH 489 Co-op	4				

Please note: Due to the cooperative education requirement, in order to complete this program in four years, it is necessary for the student to either enroll in co-op hours or course-work during the summer as well as during the academic year. If a student is not able to do so, this program will take five years to complete.