



School of Engineering and Technology

Student ID: _____
Student Name: _____
Program Entry Date: _____

Degree/Program Plan: B.S. Electrical Engr Tech
 Program/Plan Code: TECH1 / EETBSBS
 Requirement Term: 8/15/2005 - 4058

1st Semester

Course#	Units	Title	Pre- or Co-requisite
TECH 102	1	Discovering Technology	
ECET 107	4	Introduction to Circuit Analysis	Math 602 placement test of 45 or above
ECET 109	3	Digital Fundamentals	P or C: Math 111 or instructor's consent
MATH 153	3	Algebra & Trigonometry I	P: Math 111
ENGL W131	3	Elementary Composition	Placement

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2nd Semester

Course#	Units	Title	Pre- or Co-requisite
ECET 157	4	Electronics Circuit Analysis	P: ECET 107 & Math 153
ECET 164	3	Applied Obj-Oriented Programming	P or C: Math 153
ECET 207	4	AC Electronics Circuit Analysis	P or C: ECET 157 & Math 154
COMM R110	3	Fund of Speech Communication	
MATH 154	3	Algebra & Trigonometry II	P: Math 153

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3rd Semester

Course#	Units	Title	Pre- or Co-requisite
ECET 209	4	Introduction to Microprocessors	P:ECET109PorC:ECET164orCIT262or270
ECET 155	3	Digital Fundamentals II	P: ECET 109
ECET 234	3	PC Systems I	P:ECET109PorC:ECET164orCIT262or270
MATH 221	3	Calculus for Tech I	P: Math 159 or Math 154
Tech Elec	3	see approved crse list	

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4th Semester

Course#	Units	Title	Pre- or Co-requisite
ECET 231	4	Electrical Power & Controls	P: ECET 109 & ECET 157
ECET 284	4	Computer Communications	P: ECET 155 & ECET 157
CGT 120	2	Electrical & Electronic Drafting	P: ECET 157
PHYS 218	4	General Physics	P: Math 159 or equiv.
CHSS Elec	3	see approved crse list	

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64 Total Credit Hours AS Degree

5th Semester

Course#	Units	Title	Pre- or Co-requisite
ECET 307	4	Analog Network Signal Processing	P: ECET 207 & Math 221.
ECET Elec	4	see approved crse list	
MATH 222	3	Calculus for Technology II	P: Math 221
STAT Sel	3	see approved crse list	
TCM 220	3	Technical Report Writing	P: ENGL W131 or equiv.

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6th Semester

Course#	Units	Title	Pre- or Co-requisite
ECET Elec	4	see approved crse list	
ECET Elec	4	see approved crse list	
Tech Elec	3	see approved crse list	
TCM 370	3	Oral Practicum for Technology	P: COMM R110
OLS 263	3	Ethical Decisions in Leadership	P: ENG W131 or equiv.

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7th Semester

Course#	Units	Title	Pre- or Co-requisite
ECET Elec	4	see approved crse list	
ECET 490	1	Senior Design Project Phase I	P: Three ECET 300or400 level ECET Elec
ECET 499	1	Ethics & Professionalism in Tech	
Chem C101	3	Elementary Chemistry I LEC &	
Chem C121	2	Elementary Chemistry I LAB	
CHSS Elec	3	see approved crse list	

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8th Semester

Course#	Units	Title	Pre- or Co-requisite
ECET Elec	4	see approved crse list	
ECET 491	2	Senior Design Project Phase II	P: ECET 490, P or C: TCM 370
Tech Elec	3	see approved crse list	
Tech Elec	3	see approved crse list	
CHSS Elec	3	see approved crse list	

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127 Total Credit Hours BS Degree

*Check with department for list of approved electives or selectives.



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Degree/Program Plan: B.S. Electrical Engr. Tech.
 Program/Plan Code: TECH1/EETBSBS
 Requirement Term: 8/15/2005 - 4058

Student ID:
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Core Requirements - ECET Technical Specialty

Course#	Units	Term	Grade	Comments
TECH 102	1			
ECET 107	4			
ECET 109	3			
ECET 155	3			
ECET 157	4			
ECET 164	3			
ECET 207	4			
ECET 209	4			
ECET 231	4			
ECET 234	3			
ECET 284	4			
ECET 307	4			
ECET 490	1			
ECET 491	2			
ECET 499	1			
ECET Electives*				
ECET ____	4			
ECET ____	4			
ECET ____	4			
ECET ____	4			
ECET ____	4			
*ECET Electives: ECET 309,ECET 331,ECET 357,ECET 371,ECET 381, ECET 403, ECET 417,ECET 434, ECET 453, ECET 483				

total: 65

Math and Science Requirements

Course#	Units	Term	Grade	Comments
MATH 153	3			
MATH 154	3			
MATH 221	3			
MATH 222	3			
PHYS 218	4			
Stat 301/ IET 150				
/ECON 270	3			
ChemC101&C121	5			

total: 24

General Education Requirements - Communications, Humanities, Social Science

Course#	Units	Term	Grade	Comments
ENG W131	3			
COMM R110	3			
TCM 220	3			
TCM 370	3			
OLS 263	3			
CHSS Electives*				
CHSS	3			
CHSS	3			
CHSS	3			
*CHSS Electives: AMST A301,ANTH A103,A104, COMM T337, M150, ECON E201,E202,E325,E305, ENG L105,L115,L204,L213, EALC J131,J132 FOLK F101,F131, FREN F117, F118, GEOG G110,G314,G331,G335, GER G117, G118, HIST H105, H106, H113, H114, MUS M110,M174, OLS 252, PHIL P110,P120,P162,P265,P331,P338, POLS Y103,Y217, PSY B104, REL R133, SOC R100,R121, SPAN S117,S118, SPEA J101,V170				

total: 24

Technical Electives Requirements

Course#	Units	Term	Grade	Comments
CGT 120	2			
Tech Electives*				
_____	3			
_____	3			
_____	3			
_____	3			
Tech Elecs* CGT 111,211,241,CIT 140,212,214,215,54,262,270,286,288,303, 362,440, CIMT 260, IET 104,204,301,340,350,364,374, MET 102,111,112,141, 142,212,213,220,242,271,328,374,384,OLS 274,331,368,378, TCM 350, ECET 300or 400 level course, BMET 310,370,380 - Maximum of 2 elecs same discipline				

total: 14

127 Total Credit Hours for BS Degree

Department of Electrical and Computer Engr Tech: 274-2363

Offices: ET 209

*Check with department for list of approved electives or selectives.