

Bachelor of Science in Engineering Technology: Electronics Emphasis
Worksheet & Pre-Requisites — 2012-13

Course #	Course title	Cr	Offered	Pre-requisites
CORE (24 hrs)				
COMM 1010	Essentials of Communication Lecture	GE	F/S	
CSIS 1410	Object Oriented Programming	3	F/S	CSIS 1400
EET 4960	Capstone Project for EET	3	S	Permission Required
PHYS 2010/2015	College Physics I	GE	F	MATH 1060
MGMT 3180	Management & Organizations	3	F/S	Advisor must sign in
EET 2700 (In Lieu of TECH 3000)	Circuit Analysis II	3	S	EET 1700 & MATH 1210
EET Composite (49 hrs)				
CSIS 2810	Computer Organization & Architecture	3	S	EET 2780
CSIS 2420	Intro to Algorithms & Data Structures	3	F	CSIS 1410
CSIS 2600	Data Communications & Networking	3	S	
CSIS 3150	C & C++ Programming	3	F	CSIS 2420
CSIS 3600	Operating Systems	3	S	CSIS 2420
EET 1700	Circuit Analysis I	3	F	pre/co-req: MATH 1050
EET 1730	Electronic Devices I	3	F-even	EET 2700
EET 2710	Electronic Devices II	3	S-even	EET 1730
EET 2750	PC Hardware	3	F/S	
EET 2760	Industrial Control Systems	3	S-even	
EET 2780	Digital Electronics I	3	F	Math 1050
EET 3080	Digital Electronics II	3	S-odd	EET 2710 & 2780
EET 3710	Op-Amps & Linear Integrated Circuits	3	S-odd	MATH 1210, EET 2710 & 2780
EET 3760	Electronic Design & Fabrications	3	F	
EET 3780	Applications of Microprocessors	3	S even	EET 2780
MATH 1040	Statistics	4	F/S/M	MATH 1010 or ACT of 23
Technology electives		(6 hrs. from list below)		
CSIS 2620	Network Administration I	3	F	CISI 1000, CSIS 2600
EET 3720	Communication Circuits	3	S-odd	EET 2710 & 3710
EET 3790	Computer Interfacing	3	S-odd	EET 2780
Upper Division — free electives		to total 40 hrs. of upper division		
UNIV 1010	Introduction to Experiential Education	1		
UNIV 3925	EER Proposal	1		
UNIV 4925	Synthesis and Reflection	1		
GENERAL EDUCATION				
ENGL 1010	Intro to Academic Writing	3		
ENGL 2010	Intermediate Writing	3		
MATH 1210	Calculus I	4	F/S/M	MATH 1050 & 1060
LM 1010	Information Literacy	1		
American Institution		3		
CSIS 1000	Intro to Computer Applications	3		
FINE ARTS:		3		
*HUMANITIES: COMM 1010	Introduction to Communications	3	F/S/M	
SOCIAL SCIENCE		3		
LIFE SCIENCE		3		
*PHYS. SCI.: PHYS 2010/15	College Physics /Lab	5	F	MATH 1060