Bachelor of Science in Electronics Engineering Technology (Electronics Engineering Technology)		RATE: (STS) CREDIT:						
CURRICULUM DEGREE REQUIREMENTS	Credit Hours Required	E3	E4	E5	E6	E7	E8	E9
Arts and Sciences Curriculum	**31 SH**							
Communication	**9SH**							
Principles of Speech	3							
English Composition	3							
Advanced Composition	3							
Digital Rhetoric	3							
Mathematics	**6SH**							
College Algebra	3							
Statistics	3							
Pre-Calculus	3							
Natural Sciences	**4SH**							
Environmental Biology	3							
Environmental Biology Lab	1							
Physics	3							
Physics Lab	1							
Humanities/Fine Arts	**3SH**							
Major Writers in World Literature	3							
Critical Thinking	3							
Culture and Diversity	3							
Spanish I	3							
Spanish II	3							
Social and Behavioral Sciences	**6SH**							
Macroeconomics	3							
Microeconomics	3							
History Modern World	3							
21st Century Political Institutions	3							
Introduction to Psychology	3							
Positive Psychology	3							
Introduction to Sociology	3							
Global Social Issues	3							
Capstone	**3SH**							
CAAP	0							
Arts & Science Capstone	3							
Core Curriculum	**93SH**							
Self Integration	**3SH**							
Career Orientation Seminar	0							
College Orientation	3							
Core Electronics Technology Courses	**32SH**							
Operating Systems	3							
Introduction to Networking	3							
Networking II	3							
Logic and Design	3							
Electric Circuits I	3							

Course	SH							
Electric Circuits II	3							
Electric Circuits II Lab	1	0	1	1	1	1	1	1
Semiconductor Devices	3							
Electronics Systems Applications	3	0	0	0	0	0	3	3
Digital Systems I	3	0	3	3	3	3	3	3
Digital Systems II	3							
Digital Systems Lab	1							
Computer Applications	3							
Required Concentration Courses	**27SH**							
Instrumentation and Measurement Lab	1							
Computer Organization I	3							
Computer Organization II	3							
Computer Organization II Lab	1							
Data Communications and Networking	3							
Introduction to Communication Systems	3							
Wireless Security	3							
Circuit Analysis	3							
Digital Communications I	3							
Microcontrollers	3							
Microcontrollers Lab	1							
Advanced Technical Courses	**31SH**							
Fundamentals of Customer Service	3							
Introduction to Routing and Switching	3							
Intermediate Routing and Switching	3							
Routing & Switching Lab	1							
Network Security Concepts	3							
Windows Client and Server	3							
Windows Client and Server Lab	1							
Advanced Window Server	3							
Web Interface Design	3							
UNIX Administration	3							
Advanced Unix Administration	3							
Advanced Unix Administration Lab	1							
Introduction to Engineering Technology	3							
Internship	3							
Fiber Optics Communication	3							
Fiber Optics Communication Lab	1							
Fiber Optic Technology	3							
Fiber Optic Design	3							
Cellular communication	3							
Emerginig Wireless Technologies	3							
CWNA Certification Seminar	3							
CWNA Certification Lab	1							
Data Cabling Seminar	3							
Home Automation	3							
Engineering Technology Project Management	3							
Special Topics in Engineering Technology	3							

Senior Internship I	3									
Programmable Controllers and Robotics	3									
Programmable controllers and Robotics Lab	1									
Cooperative Education I	3									
Capstone Project	3									
Senior Capstone Project	3									
Senior Capstone Project Lab	3									
Change Mangement	3									
Change Management Lab	1									
Managerial Processes & Communications	3									
Managerial Processes & Communications Lab	1									
Operations Mangement	3									
Operations Mangement Lab	1									
Technology Optimization	3									
Technology Optimization Lab	1									
Marketing Management	3									
Total	**120**									