Associate of Science in Electronics Engineering Technology (Electronics Engineering Technology)		RATE (AE) CREDIT:						
CURRICULUM DEGREE REQUIREMENTS	Credit Hours Required	E3	E4	E5	E6	E7	E8	E9
Arts and Sciences Curriculum	**22 SH**							
Communication	**9SH**							
Principles of Speech	3							
English Composition	3							
Advanced Composition	3							
Digital Rhetoric	3							
Mathematics	**3SH**							
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	**3SH**							
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							
Computer Technology and literacy	**3SH**							
Computer Applications	3	0	0	3	3	3	3	3
Self Integration	**3SH**							
Career Orientation Seminar	0							
College Orientation	3							
Core Electronics Technology Courses	**31SH**							
Introduction to Operating Systems	3							
Networking I	3							
Logic and Design	3							
Networking II	3							
Electric Circuits I	3	0	0	3	3	3	3	3
Electric Circuits II	3	0	3	3	3	3	3	3
Electric Circuits II Lab	1	0	1	1	1	1	1	1

Semiconductor Devices	3								
Electronics Systems Applications	3								
Digital Systems I	3								
Digital Systems II	3								
Required Concentration Courses	**13SH**								
Computer Organization I	3								
Computer Organization II	3								
Computer Organization II Lab	1								
Data Communications and Networking	3								
Wireless Security	3								
Advanced Technical Courses	**7SH**								
Principles of Business & Management	3								
Fundamentals of Customer Service	3								
Introduction to Routing and Switching	3								
Intermediate Routing and Switching	3								
Routing & Switching Lab	1								
Network Security Concepts	3								
UNIX Administration	3								
Advanced Unix Administration	3								
Advanced Unix Administration Lab	1								
Windows Client and Server	3								
Windows Client and Server Lab	1								
Advanced Window Server	3								
Web Interface Design	1								
Introduction to Engineering Technology	3								
Introduction to Applied Mechanics	3								
Internship	3								
Programmable Controllers and Robotics	3								
Programmable controllers and Robotics Lab	1								
Fiber Optics Communication	3								
Fiber Optics Communication Lab	1								
Fiber Optic Technology	3								
Fiber Optic Design	3								
Emerging Wireless Technologies	3								
Cellular Communication	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								
Special Topics in Engineering Technology	3								
Change Management	3								
Change Management Lab	3								
Managerial Processes & Communication	3								
Managerial Processes & Communication Lab	3								
Operations Management	3								

Operations Management Lab	3							
Technology Optimization	3							
Technology Optimization Lab	3							
Total	**76**	0	4	10	10	10	10	10