Associate of Science in Electronics Engineering Technology (Electronics Engineering Technology)		RATE (GM) 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							
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							
Electric Circuits II	3							
Electric Circuits II Lab	1	0	1	1	1	1	1	1

Course	Credits							
Semiconductor Devices	3							
Electronics Systems Applications	3	0	3	3	3	3	3	3
Digital Systems I	3	0	3	3	3	3	3	3
Digital Systems II	3							
Required Concentration Courses	**13 SH**							
Computer Organization I	3							
Computer Organization II	3							
Computer Organization II Lab	3							
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	7	7	7	7	7	7	