

<b>Associate of Science in Electronics Engineering Technology (Electronics Engineering Technology)</b>		<b>RATE (STS) CREDIT:</b>						
<u>CURRICULUM DEGREE REQUIREMENTS</u>	<u>Credit Hours Required</u>	E3	E4	E5	E6	E7	E8	E9
<b>Arts and Sciences Curriculum</b>	<b>22 SH</b>							
<b>Communication</b>	<b>9SH</b>							
Principles of Speech	3							
English Composition	3							
Advanced Composition	3							
Digital Rhetoric	3							
<b>Mathematics</b>	<b>3SH</b>							
College Algebra	3							
Statistics	3							
Pre-Calculus	3							
<b>Natural Sciences</b>	<b>4SH</b>							
Environmental Biology	3							
Environmental Biology Lab	1							
Physics	3							
Physics Lab	1							
<b>Humanities/Fine Arts</b>	<b>3SH</b>							
Major Writers in World Literature	3							
Critical Thinking	3							
Culture and Diversity	3							
Spanish I	3							
Spanish II	3							
<b>Social and Behavioral Sciences</b>	<b>3SH</b>							
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							
<b>Computer Technology and literacy</b>	<b>3SH</b>							
Computer Applications	3							
<b>Self Integration</b>	<b>3SH</b>							
Career Orientation Seminar	0							
College Orientation	3							
<b>Core Electronics Technology Courses</b>	<b>31 SH</b>							
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

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								
<b>Required Concentration Courses</b>	<b>13 SH</b>								
Computer Organization I	3								
Computer Organization II	3								
Computer Organization II Lab	3								
Data Communications and Networking	3								
Wireless Security	3								
<b>Advanced Technical Courses</b>	<b>7 SH</b>								
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								
<b>Total</b>	<b>76</b>	0	4	4	4	4	7	7	