

<b>Bachelor of Science in Electronics Engineering Technology (Electronics Engineering Technology)</b>		RATE: (EM) CREDIT:						
<u>CURRICULUM DEGREE REQUIREMENTS</u>	<u>Credit Hours Required</u>	E3	E4	E5	E6	E7	E8	E9
<b>Arts and Sciences Curriculum</b>	<b>31 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>6SH</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>6SH</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>Capstone</b>	<b>3SH</b>							
CAAP	0							
Arts & Science Capstone	3							
<b>Core Curriculum</b>	<b>93SH</b>							
<b>Self Integration</b>	<b>3SH</b>							
Career Orientation Seminar	0							
College Orientation	3							
<b>Core Electronics Technology Courses</b>	<b>32SH</b>							
Operating Systems	3							
Introduction to Networking	3							
Networking II	3							
Logic and Design	3							
Electric Circuits I	3	0	0	3	3	3	3	3

Electric Circuits II	3	0	0	0	3	3	3	3
Electric Circuits II Lab	1							
Semiconductor Devices	3							
Electronics Systems Applications	3							
Digital Systems I	3							
Digital Systems II	3							
Digital Systems Lab	1							
Computer Applications	3	0	3	3	3	3	3	3
<b>Required Concentration Courses</b>	<b>27SH</b>							
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							
<b>Advanced Technical Courses</b>	<b>31SH</b>							
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							
Emerging 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								
<b>Total</b>	<b>120</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>