Bachelor of Science in Electronics Engineering Technology (Electronics Engineering Technology)			RATE: (CTT) CREDIT:								
CURRICULUM DEGREE REQUIREMENTS	Credit Hours Required	E3	E4	E5	E6	E7	E8	E9			
Arts and Sciences Curriculum	34 SH										
Communication	9SH										
Principles of Speech	3			1							
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	1									
Physics	3										
Physics Lab	1										
Humanities/Fine Arts	3SH		<u>I</u>	I	I	I					
Major Writers in World Literature	3		1	<u> </u>	1	1		_			
Critical Thinking	3							-			
Culture and Diversity	3							<u> </u>			
Spanish I	3							<u> </u>			
Spanish II	3							<u> </u>			
Social and Behavioral Sciences	6SH		I								
Macroeconomics	3		1	-				_			
Microeconomics	3							<u> </u>			
History Modern World	3										
21st Century Political Institutions	3							<u> </u>			
Introduction to Psychology	3							<u> </u>			
Positive Psychology	3							<u> </u>			
Introduction to Sociology	3	_									
Global Social Issues	3							<u> </u>			
CAAP CAAP	3SH		1	r	1	r –		-			
Arts & Science Capstone	0							<u> </u>			
Core Curriculum	3					I					
	93SH										
Self Integration	3SH		1	r	1	1		_			
Career Orientation Seminar	0							<u> </u>			
College Orientation	3										
Core Electronics Technology Courses	32SH		1	1	-	1					
Operating Systems	3	4						<u> </u>			
Introduction to Networking	3	_		<u> </u>				<u> </u>			
Networking II	3							L			
Logic and Design	3	4									
Electric Circuits I	3		1								

Electric Circuits II Electric Circuits II Lab Semiconductor Devices	3							
	1							
	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
Required Concentration Courses	27SH	Ŭ				5		
Instrumentation and Measurement Lab	1							
Computer Organization I	3	0	3	3	3	3	3	3
Computer Organization II	3				_	-	_	
Computer Organization II Lab	1							
Data Communications and Networking	3	0	3	3	3	3	3	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	0	9	9	9	9	9	9