Associate of Science in Electronics Engineering Technology (Electronics Engineering Technology)			RATE (MT) CREDIT:								
CURRICULUM DEGREE REQUIREMENTS	Credit Hours Required	E3	E4	E5	E6	E7	E8	E9			
Arts and Sciences Curriculum	22 SH		<u> </u>	<u> </u>							
Communication	9SH										
Principles of Speech	3	0	0	0	0	3	3	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		l	l							
Environmental Biology Lab	1										
Physics	3										
Physics Lab	1	1									
Humanities/Fine Arts	3SH										
Major Writers in World Literature	3		l	l							
Critical Thinking	3										
Culture and Diversity	3	+									
Spanish I	3	+									
Spanish II	3	+									
Social and Behavioral Sciences	3SH										
Macroeconomics	3		Π	Π							
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	+	-	-							
	3SH										
Computer Technology and literacy Computer Applications			Г	Г							
	3										
Self Integration	3SH 0		ı	ı	ı						
Career Orientation Seminar	3										
College Orientation											
Core Electronics Technology Courses	31SH		ı	ı	ı						
Operating Systems	3	+									
Networking I	3	+									
Networking II	3	<u> </u>	_	_	_	2	2	2			
Electric Circuits I	3	0	3	3	3	3	3	3			
Electric Circuits II	3	+_			4	4					
Electric Circuits II Lab	1 2	0	1	1	1	1	1	1			
Semiconductor Devices	3		1	1							

Electronics Systems Applications	3					
Digital Systems I	3					
Digital Systems II	3		+ +			
Required Concentration Courses	13 SH					
Computer Organization I	3		П	П		
Computer Organization II	3					
Computer Organization II Lab	3					
Data Communications and Networking	3		1 1			
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		$\downarrow \downarrow \downarrow$			
Special Topics in Engineering Technology	3		$\downarrow \downarrow \downarrow$			
Change Management	3		$\downarrow \downarrow \downarrow$			
Change Management Lab	3		$\downarrow \downarrow \downarrow$			
Managerial Processes & Communication	3		$\downarrow \downarrow \downarrow$			
Managerial Processes & Communication Lab	3		$\downarrow \downarrow \downarrow$			
Operations Management	3	\bot	$\downarrow \downarrow \downarrow$			
Operations Management Lab	3					

Technology Optimization	3							
Technology Optimization Lab	3							
Total	76	0	4	4	4	7	7	7