

Fall Start 2017 (Day Program) no change, should complete before Fall 2019

Course #	Course Title	Prerequisite(s) or Co-requisite Need a C or higher in non-competency courses below.	Credits	Quarter	Grade
First Quarter					
ELEC1100	Introduction to Electronic Engineering		4.5	Fall / 17	
ELEC1129	Engineering Electronics 1		7.5		
Gen. Ed	Gen. Ed		4.5		
Total Credits – 1 st Quarter					
Second Quarter					
ELEC1219	Engineering Electronics II		7.5	Win / 18	
ELEC1227	Digital Circuits		4.5		
Gen. Ed	Recommend Math		4.5		
Total Credits – 2 nd Quarter					
Third Quarter					
ELEC1317	Active Devices		7.5	Spg / 18	
ELEC1482	Advanced Digital Circuits		4.5		
Gen. Ed	Gen. Ed.		4.5		
Total Credits – 3 rd Quarter					
Fourth Quarter					
ELEC1422	Analog Circuits		7.5	Sum / 18	
ELEC2530	Microprocessor Applications		4.5		
Gen. Ed	Gen. Ed		4.5		
Total Credits – 4 th Quarter					
Fifth Quarter					
ELEC2863	Programmable Logic Controllers		4.5	Fall 18	
ELEC2760	Introduction to Networking		4.5		
Gen. Ed	Gen. Ed		4.5		
Total Credits – 5 th Quarter					
Sixth Quarter					
		Technician Focus		Win / 19	
ELEC2519	Communication Systems		7.5		
ELEC2570	Audio Systems		4.5		
ELECxxxx	Technical Elective		3.0		
		Robotic and Automation Focus			
ELEC2761	Routing & Switching Essentials		4.5		
ELEC2853	Fluid Power and Robotics		3.0		
ELECxxxx	Technical Elective		9.0		
		Cisco Network/Security Focus			
ELEC2761	Routing & Switching Essentials		4.5		
ELEC2753	PC Operating systems and Hardware		4.5		
ELECxxxx	Technical Elective		4.5		

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Total Credits – 6 th Quarter				
Seventh Quarter				
		Technician Focus		Spg / 19
ELEC2640	Advanced Communication Systems		4.5	
ELEC2750	Video Systems		6.0	
ELECxxxx	Technical Elective		4.5	
		Robotic and Automation Focus		
ELEC2864	Adv. PLCs in Automation Systems		4.5	
ELEC2883	Robotics and Vision Systems		4.5	
ELECxxxx	Technical Elective		4.5	
		Cisco Network/Security Focus		
ELEC2860	Scaling Networks		4.5	
ELEC2900	CCNA Security		4.5	
ELEC2823	Network OS and Admin.		4.5	
Total Credits – 7 th Quarter				
			Total Program Credit Hours	

Advisor's Checklist: Electronic Systems Technology

Student: _____ Advisor: _____
 Quarter Entered: _____ Quarter Graduating: _____