

Fall Start 2018 (Day Program)

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 / 18	
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 / 19	
ELEC1227	Digital Circuits		4.5		
ELEC2760	Introduction to Networking		4.5		
Gen. Ed	Recommend Math		4.5		
Total Credits – 2 nd Quarter					
Third Quarter					
ELEC2530	Microprocessor Applications		4.5	Spg / 19	
ELEC2753	PC Operating systems and Hardware		4.5		
Gen. Ed	Gen. Ed.		4.5		
Total Credits – 3 rd Quarter					
Fourth Quarter					
				Sum / 19	
Total Credits – 4 th Quarter					
Third Semester (Fall / 19)					
ELEC1240	Fund. Of Electronic Circuits III			6	
Gen. Ed	Gen. Ed			3	
		Tech. Focus Required Class			
ELECxxxx	Technical Elective			3	
		Robotic and Automation Focus Required Class			
ELEC2761	Routing & Switching Essentials			3	
		Networking and Security Focus required Class			
ELEC2761	Routing & Switching Essentials			3	
Total Credits – 3 rd Semester					
Fourth Semester (Spring / 20)					
		Required by ALL			
ELEC2550	Fund. Of Electronic Circuits IV			6	
Gen. Ed	Gen. Ed			3	

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		Tech. Focus Required classes			
ELEC2751	A/V Distribution and Surveillance			3.5	
ELECxxx	Technical Elective			3	
		Robotics and Automation Focus required classes			
ELEC2853	Fluid Power & Robotics			2.5	
ELEC2864	Adv. PLCs in Automation Systems			2.5	
ELEC2883	Robotics & Vision Systems			2.5	
		Networking and Security Focus required classes			
ELEC2865	Advanced Networking			4.5	
ELEC2900	CCNA Security			3	
Total Credits – 4 th Semester					
			Total Program Credit Hours		

Advisor's Checklist: Electronic Systems Technology

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