

Spring Start 2018, need semester classes / converge with Fall

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	Spg / 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	Sum / 18	
ELEC1227	Digital Circuits		4.5		
Gen. Ed	Recommend Math		4.5		
Total Credits – 2 nd Quarter					
Third Quarter					
ELEC1317	Active Devices		7.5	Fall / 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	Win / 19	
ELEC2530	Microprocessor Applications		4.5		
ELEC2760	Introduction to Networking		4.5		
Gen. Ed	Gen. Ed.		4.5		
Total Credits – 4 th Quarter					
Fifth Quarter					
ELEC2863	Programmable Logic Controllers		4.5	Spg / 19	
Gen. Ed	Gen. Ed		4.5		
		Tech. Focus Required Class			
ELECxxxx	Technical Elective		4.5		
		Robotic and Automation Focus Required Class			
ELEC2853	Fluid Power & Robotics		4.5		
		Networking and Security Focus required Class			
ELEC2753	PC Operating Systems		4.5		
ELEC2761	Routing & Switching Essentials		4.5		
Total Credits – 5 th Quarter					
Sixth Quarter					
				Sum / 19	
Total Credits – 6 th Quarter					

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Seventh Quarter / Fall Semester					
		Tech. Focus Required classes			
ELEC2519	Communications Systems		7.5		
ELEC2570	Audio Systems***		4.5		
ELEC2640	Advanced Communication Systems		4.5		
ELEC2750	Video Systems***		6.5		
		Robotics and Automation Focus required classes			
ELEC2864	Adv. PLCs in Automation Systems		4.5		
ELEC2883	Robotics & Vision Systems		4.5		
ELECxxxx	Technical Elective		4.5		
		Networking and Security Focus required classes			
ELEC2865	Advanced Networking			4.5	
ELEC2900	CCNA Security			3	
ELEC2823	Network OS			3	
Total Credits – 4 th Semester					
			Total Program Credit Hours		

Advisor's Checklist: Electronic Systems Technology

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

NOTES: *** Schedule class at the same time slots