

Student Name: _____ Student ID#: _____

2025-2026 Electrical Systems Technology – A35130 Checklist

2025-2026 Catalog Year - Present

Developmental Reading & English

ENG 025

Developmental Mathematics

MAT 035

1st Semester (Fall)

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ACA 122	College Transfer Success	1			
	EGR 125	Application Software for Technology	2			
	ELC 131	Circuit Analysis I	4		ELC 131A	
	ELC 131A	Circuit Analysis I Lab	1		ELC 131	
	ELC 113	Residential Wiring	4			
	ENG 110 Or ENG 111	Freshman Composition Or Writing and Inquiry	3 3	DRE 097 or ENG 025 DRE 098 or ENG 025		
	MAT 121 Or MAT 171	Algebra / Trigonometry I Or Precalculus Algebra	3 4	DMA 060 or MAT 035 DMA 080 Or MAT 035		

Total: 18-19 credit hours

2nd Semester (Spring)

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ELC 115	Industrial Wiring	4	ELC 111, ELC 112, ELC 113, or ELC 131		
	ELC 117	Motors and Controls	4	ELC 111, ELC 112, or ELC 131		
	ELC 213	Instrumentation	4	ELC 112 or ELC 131		
	ELN 131	Analog Electronics	4	ELC 112 or ELC 131		

Total: 16 credit hours

3rd Semester (Summer)

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ELN 260	Pro Logic Controllers	4			
		Social/Behavioral Science	3	Course Dependant		

Total: 7 credit hours**4th Semester (Fall)**

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ATR 280	Robotic Fundamentals	4			
	COM 110 or COM 231	Intro to Communication Public Speaking	3 3	DRE 097 or ENG 025		
	ELC 228	PLC Applications	4	ELN 260		
		Humanities/Fine Arts Elective	3	Course Dependant		
	HYD 110	Hydraulics/Pneumatics I	3	DMA 030 or MAT 035		

Total: 17 credit hours**5th Semester (Spring)**

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ATR 281	Automated Manufacturing	4	ATR 280		
	ELN 235	Data Communication Systems	4			
	ISC 112	Industrial Safety	2			
	PCI 264	Process Control with PLCs	4	ELC 228		

Total: 14 credit hours**Total Credit Hours Needed For Graduation: 72****Questions? Contact:**

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