

Electronics Engineering Technology -Degree– A40200

Curriculum Checklist 2025-2026 Catalog Year - Present

Developmental Courses

Table 1: Overview of developmental courses required for 100 level English and math courses.

ENG 025
MAT 035

1st Semester (Full Time Student)

Table 2: Overview of 1st semester (Fall) courses [17-18 credit hours]

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite :	Notes:
	ACA 115 or ACA 122	Success & Study Skills College Transfer Success	1			
	EGR 125	Application Software for Technology	2			
	ELC 131	Circuit Applications I	4		ELC 131A	
	ELC 131A	Circuit Applications I Lab	1		ELC 131	
	ELN 133	Digital Electronics	4			
	ENG 111	Writing & Inquiry	3		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	

2nd Semester (Spring)

Table 3: Overview of 2nd semester (Spring) courses [15 credit hours]

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite :	Notes:
	CET 111	Computer Upgrade / Repair I	3	EGR 125		Taught in the spring only
	ELN 131	Analog Electronics	4	ELC 112 or ELC 131		
	ELN 232	Intro to Microprocessors	4	ELN 133		Taught in the spring only
	ELC 117	Motors & Controls	4	ELC 131		Spring and fall

----Check to see if you have earned the Basic Electronics Certificate

3rd Semester (Summer)

Table 4: Overview of 3rd semester courses (6 credit hours)

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ELN 260	Pro Logic Controllers	4			At night in the spring and during the day in the summer
	DFT 119	Basic CAD	2			

4th Semester (Full Time Student)

Table 5: Overview of 4th semester (Fall) courses [17 credit hours]

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	ATR 280	Robotic Fundamentals	4			
	COM 110 or COM 231 or ENG 114	Intro. To Communication Or Public Speaking Or Professional Research & Reporting	3 3 3	DRE 097 or ENG 025 ENG 111		
	ELC 228	PLC Applications	4	ELN 260		Fall only
		Humanities / Fine Arts Elective	3	Course dependent		
		Social / Behavioral Science Elective	3	Course Dependent		

5th Semester (Spring)

Table 6: Overview of 5th semester (Spring) courses [15 credit hours]

✓	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	CSC 151	Java Programming	3	EGR 125 or EGR 150 or ELN 232 or CTI 110		Spring and fall
	ELC 213	Instrumentation	4	ELC 112 or ELC 131		
	ATR 281	Robotic Fundamentals	4	ATR 280		
	ELN 235	Data Communications	4			Spring and fall

Total Credit Hours Needed For Graduation: 71-72 credit hours

Questions? Contact:

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