Computer Engineering Technology – A40160

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	Study Success Skills or College Transfer Success	1			
	EGR 125	Application Software for Technology	2			
	ELN 133	Digital Electronics	4			**A prerequisite for ELN 232**
	ELN 235	Data Communications	4			**A prerequisite for ELN 237**
	ENG 111	Writing and 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 OR DMA 080 or MAT 035		

2nd Semester (Full Time Student)

Table 3: Overview of 2nd semester (Spring) courses [13 credit hours]

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	CET 111	Computer Upgrade/Repair 1	3			**Taught only in the spring**
	CSC 151	Java Programming	3			
	ELN 232	Intro. To Microprocessors	4	ELN 133		**Taught only in the spring**
		Humanities / Fine Arts Elective	3	Course Dependent		

3rd Semester (Summer)

Table 4: Overview of 3rd semester courses (9 credit hours)

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	CET 130	Operating System Principles	3			**Taught only in the summer**
	COM 110 **or** **COM 120** **or** **COM 231**	Intro. To Communications Intro. To Interpersonal Communications or Public Speaking	3	DRE 098 or ENG 025		
	CSC 251	Adv. Java Programming	3	CSC 151		**Taught in the summer**

4th Semester (Full Time Student)

Table 5: Overview of 5th semester (Fall) courses [14 credit hours]

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	CET 211	Computer Upgrade / Repair II	3	CET 111		**Taught only in the fall**
	CSC 143	Object-Oriented Programming	3	CSC 151 OR CSC 251		**Taught only in the fall**
	ELC 131	Circuit Analysis I	4	ELC 131A		
	ELC 131A	Circuit Analysis I Lab	1	ELC 131		
	ELN 237	Local Area Networks	3	ELN 235		**Taught only in the fall**

---Check to see if you have earned the PC Build & Repair Certificate

5th Semester (Full Time Student)

Table 6:Overview of 5th semester (Spring) courses [17 credit hours]

✔	Course:	Course Name:	Credit Hour(s):	Prerequisite:	Corequisite:	Notes:
	CET 251	Software Eng. Principles	4	CSC 143		**Taught only in the spring**
	ELN 131	Analog Electronics	4	ELC 112 or ELC 131		
	ELN 238	Advanced LANs	3	ELN 237		**Taught only in the spring**
		Social/Behavioral Science Elective	3	Course dependent		
	CET 245	Internet Servers	3	ELN 237		**Taught only in the spring**

-----Check to see if you have earned the Computer Programming Certificate
-----Check to see if you have earned the Computer Engineering Technology Networking Certificate

Total Credit Hours Needed for Graduation: 70 or 71

- Courses in **blue** earn a curriculum certificate
- Courses in **purple** earn a curriculum certificate; high school students may complete these to earn the credential early.

Questions? Contact:

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