

**Curriculum Sequence Checklist  
Computer Engineering Technology – A40160**

**Course and Hour Requirements:**

			Prereqs/Coreqs	Class	Lab	Clin/Exp	Credit
<b>First Semester (Fall)</b>							
ACA	122	College Transfer Success	(None)	0	2	0	1
EGR	125	Appl Software for Tech	(None)	1	2	0	2
ELN	133	Digital Electronics	(None)	3	3	0	4
ELN	235	Data Communication	(None)	3	3	0	4
ENG	111	Writing and Inquiry	(ENG 002 <i>Or</i> DRE 098 <i>Or</i> ENG 090 and RED 090; <i>Or</i> ENG 095)	3	0	0	3
MAT	121	Algebra/Trigonometry I <i>Or</i>	(DMA 010, DMA 020, 2 DMA 030, DMA 040, DMA 050, and DMA 060)	2	2	0	3
MAT	171	Precalculus Algebra	(DMA 010, DMA 020, 3 DMA 030, DMA 040, DMA 050, and DMA 060 DMA 070, DMA 080; <i>Or</i> MAT 121, or DMA 025, DMA 045, DMA 065)	3	2	0	4
<b>Semester Total</b>							<b>17-18</b>
<b>Second Semester (Spring)</b>							
CET	111	Computer Upgrade/Repair I	(EGR 125)	2	3	0	3
CSC	151	Java Programming	(CTI 110 <i>Or</i> EGR 125 <i>Or</i> EGR 150 <i>Or</i> ELN 232)	2	3	0	3
ELN	232	Intro. to Microprocessors	(ELN 133)	3	3	0	4
Humanities /Fine Arts Core Elective			(Course Dependent)	3	0	0	3
<b>Semester Total</b>							<b>13</b>
<b>Third Semester (Summer)</b>							
CET	130	Operating System Prin.	(EGR-125)	2	3	0	2
COM	110	Intro. to Communications	(RED 090 <i>Or</i> DRE 097)	3	0	0	3
<i>Or</i>							
COM	231	Public Speaking	(RED 090 <i>Or</i> DRE 097)	3	0	0	3
CSC	251	Adv. Java Prog.	(CSC 151)	2	3	0	3
<b>Semester Total</b>							<b>8</b>

APRIL2022

**Fourth Semester (Fall)**

CET	211	Computer Upgrade/Repair II	(CET 111)	2	3	0	3
CET	293	Selected Topics in CET	(Instr. Permission)	2	3	0	3
CSC	143	Object-Oriented Prog.	(CSC 251)	2	3	0	3
ELC	131	Circuit Analysis I	(ELC 131A Coreq)	3	3	0	4
ELC	131A	Circuit Analysis I Lab	(ELC 131 Coreq)	0	3	0	1
ELN	237	Local Area Networks	(ELN 235)	2	3	0	<u>3</u>
<b>Semester Total</b>							<b>17</b>

**Fifth Semester (Spring)**

CET	251	Software Eng. Principles	(CSC 143) ELC 131)	3	3	0	4	
ELN	131	Analog Electronics	(ELC 112 <i>Or</i> ELC 131)	3	3	0	4	
ELN	238	Advanced LANs	(ELN 237)	2	3	0	3	
Social/Behavioral Science Core Elective				(Course Dependent)	3	0	0	3
CET	245	Internet Servers	(ELN 237)	2	3	0	<u>3</u>	
<b>Semester Total</b>							<b>17</b>	

**Total Hours for Graduation****72-73**

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