

Curriculum Sequence Checklist
Electronics Engineering Technology – A40200

Course and Hour Requirements:

			<u>Prereqs/Coreqs</u>	<u>Class</u>	<u>Lab</u>	<u>Clin/Exp</u>	<u>Credit</u>
First Semester (Fall)							
ACA	122	College Transfer Success	(None)	0	2	0	1
EGR	125	Appl Software for Tech.	(None)	1	2	0	2
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	133	Digital Electronics	(None)	3	3	0	4
ENG	111	Writing and Inquiry	(DRE 098/ACA 115 or ACA 122)	3	0	0	3
MAT	121	Algebra/Trigonometry I	(DMA 010, DMA 020, 2 DMA 030, DMA 040, DMA 0050, and DMA 060)	2	2	0	3
OR							
MAT	171	Precalculus Algebra	(DMA 010, DMA 020, 3 DMA 030, DMA 040, DMA 0050, DMA 060 DMA 0070, and DMA 080 or MAT 121)	3	2	0	<u>4</u>
Semester Total							18 or 19
Second Semester (Spring)							
CET	111	Computer Upgrade/Repair I	(CET 110 Or ELC 131)	2	3	0	3
ELN	131	Analog Electronics I	(ELC 112 Or ELC 131)	3	3	0	4
ELN	232	Intro. to Microprocessors	(ELN 133)	3	3	0	4
ENG	114	Prof. Research & Reporting	(ENG 111)	3	0	0	3
MAT	122	Algebra/Trigonometry II	(MAT 121)	2	2	0	3
OR							
MAT	172	Precalculus Trigonometry	(MAT 171)	3	2	0	<u>4</u>
Semester Total							17 or 18
Third Semester (Summer)							
ELN	260	Prog Logic Controllers	(None)	3	3	0	4
ELN	275	Troubleshooting	(ELN 131 And ELN 133)	1	3	0	<u>2</u>
Semester Total							6
Fourth Semester (Fall)							
ATR	280	<u>Intro. to Robotics</u>	(None)	3	2	0	4
COM	110	Intro. to Communication	(ENG 080)	3	0	0	3
OR							
COM	231	<u>Public Speaking</u>	(RED 090)	3	0	0	3
ELN	132	Analog Electronics II	(ELN 131)	3	3	0	4
Humanities /Fine Arts Core Elective			(Course Dependent)	3	0	0	3
ELC	213	Instrumentation	(ELC-112 Or ELC-131)	3	2	0	<u>4</u>
Semester Total							18

Fifth Semester (Spring)

CSC 151	Java Programming	(EGR 125 <i>Or</i> ELN 232)	2	3	0	3
ELN 235	Data Communication Syst.	(None)	3	3	0	4
ELN 236	Fiber Optics and Lasers	(None)	3	2	0	4
Social/Behavioral Science Core Elective		(Course Dependent)	3	0	0	<u>3</u>
Semester Total						14

Total Hours for Graduation**73-75**

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