

Curriculum Sequence Checklist
Electronics Engineering Technology – A40200

Course and Hour Requirements:

First Semester (Fall)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
ACA 122	College Transfer Success	(NONE)	0	2		1
EGR 125	Application Software for Tech	(NONE)	1	2		2
ELC 131	Circuit Analysis I	(ELC 131A Coreq)	3	3		4
ELC 131A	Circuit Analysis I Lab	(ELC 131 Coreq)	0	3		1
ELN 133	Digital Electronics	(NONE)	3	3		4
ENG 111	Writing and Inquiry	(DRE 098)	3	0		3
MAT 121	Algebra/Trigonometry I	(DMA 010, DMA 020, DMA 030, DMA 040, DMA 050 & DMA 060)	2	2		3
OR MAT 171	Precalculus Algebra	(DMA 010, DMA 020, DMA 030, DMA 040, DMA 050 & DMA 060, DMA 070, DMA 080 <i>or</i> MAT 121)	3	2		4
Semester Total						18 or 19

Second Semester (Spring)

CET 111	Computer Upgrade/Repair I	(EGR 125)	2	3		3
ELN 131	Analog Electronics	(ELC 112, ELC 131)	3	3		4
ELN 232	Intro. to Microprocessors	(ELN 133)	3	3		4
ELC 117	Motors and Controls	(ELC 131)	2	6		4
Semester Total						15

Third Semester (Summer)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
ELN 260	Pro Logic Controllers	(None)	3	3		4
ELN 275	Troubleshooting	(ELN 131)	1	3		2

		<i>And</i> ELN 133)				
DFT 119	Basic Cad	(None)	1	2		2
Semester Total						8

Fourth Semester (Fall)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
ATR 280	Robotic Fundamentals	(None)	3	2		4
COM 110 <i>Or</i> COM 231 <i>Or</i> ENG 114	Intro to Communication Public Speaking Prof. Research & Reporting	(ENG 080) (ENG 111)	3 3 3	0 0 0		3 3 3
ELC 228	PLC Applications	(ELN 260)	2	6		4
Humanities / Fine Arts	Arts Core Elective	(Course Dependent)	3	0		3
Semester Total						14

Fifth Semester (Spring)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
CSC 151	Java Programming	EGR 125, EGR 150 or ELN 232 or CTI 110	2	3		3
ELC 213	Instrumentation	(ELC 112, ELC 131)	3	2		4
ELN 236	Fiber Optics and Lasers	(None)	3	2		4
Social/Behavioral Science	Core Elective	(Course Dependent)	3	0		3
ELN 235	Data Communications	(NONE)	3	3		4
Semester Total						18

Total Hours for Graduation	73-74
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