ELECTRICAL ENGINEERING TECHNOLOGY*
Degree Program

Career Curriculum ELT 3012
Associate in Applied Science
Minimum Hrs. 69
Major Code: 1.2 150303Y

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Gr.
ELT	102	Basic Electricity and Wiring	4	____
ELT	111	Digital Electronics I	3	____
ENG	101	English Composition 1[1] OR ENG 113 Professional Technical Writing[1]	3	____
MAT	111	Pre-Calculus	5	____
MFT	103	Industrial Robots and PLCs	3	____
			18	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Gr.
ELT	103	Applied DC/AC Circuits	4	____
ELT	112	Digital Electronics II	3	____
ELT	150	Applied Solid State Electronics	3	____
ELT	218	Introduction to Network Technologies	3	____
MAT	131	Calculus I	5	____
			18	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Gr.
CPS	176	Introduction to Computer Programming	4	____
ELT	151	Applied Solid State Electronics	3	____
ELT	214	A+ Preparation IT Technician	3	____
PHY	155	College Physics I	5	____
			15	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Gr.
ELT	200	Introduction to Microprocessors	3	____
ELT	220	Linear Integrated Circuits	3	____
ELT	224	Power Distribution and Motors	3	____
ENG	102	English Composition II[1]	3	____
PSC	131	American Government OR HIS 201 United States History I OR HIS 202 United States History II	3	____
SPE	115	Speech OR SPE 116 Interpersonal Communication	3	____
			18	

*Completion of MAT 201 is recommended prior to transfer to SIU-C.

[1] Requires a grade of "C" or higher.

Fall only courses:	Spring only courses:
ELT 102	ELT 103
ELT 111	ELT 150
ELT 151	ELT 112
ELT 214	ELT 218
MFT 103	

The Electrical Engineering Technology AAS Degree (ELT 3012) is an ICCB approved extension of the Electronics Technology AAS Degree (00ELT3010).

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

John A. Logan College reserves the right to modify this curriculum guide as needed.
Please verify with your academic advisor the accuracy and time lines of this document.

Effective Date: Fall 2017

Career Opportunities: The graduate in Electronics Engineering Technology will be prepared for entry-level careers in areas such as: Product development and support Technician, Field engineering/service Technician, Test Engineering Technician, Technical documentation, Technical sales/marketing, Telecommunications and wireless systems development and support, Research and development, Quality assurance, Technical documentation.