



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	<u>3</u>	___
		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	<u>5</u>	___
		18	

SECOND YEAR – FALL SEMESTER

Dept. No.		Hrs.	Gr.
CPS 176	Introduction to Computer Programming or CPS 206 Computer Science I	4	___
ELT 151	Applied Solid State Electronics	3	___
ELT 214	A+ Preparation IT Technician	3	___
PHY 155	College Physics I	<u>5</u>	___
		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 or BUS 235 Business Correspondence	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	<u>3</u>	___
		18	

¹ Requires a grade of “C” or higher.

*Students planning to pursue the B.S. Electrical Engineering Technology degree (Capstone Option) at SIUC should review the prepared Program Articulation Degree Plan for additional course recommendations prior to transfer.

**Completion of PHY 156- College Physics II-5 (PHYS 203B/253B), MAT 120 or 282 (MATH 282) are recommended for transfer to SIUC and into the BS in Electrical Engineering Technology degree program. BUS 235 (MGMT 202) is also a degree requirement.

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 2018

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.