



COMPUTER SUPPORT AND NETWORKING*
Degree Program

Career Curriculum 00ELT3015
Associate in Applied Science
Minimum Hrs. 65
Major Code: 1.2 470104C

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Gr.
CIS	200	Network Essentials	3	___
CIS	206	Managing Network Environments I ²	3	___
ELT	102	Basic Electricity and Wiring	4	___
ELT	111	Digital Electronics I	3	___
MAT	113	Introduction to Contemporary Mathematics	3	___
			<u>16</u>	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Gr.
CIS	208	Security Awareness	3	___
CIS	230	Operating Systems	3	___
ELT	150	Applied Solid State Electronics	3	___
ELT	112	Digital Electronics II	3	___
ELT	200	Introduction to Microprocessors	3	___
			<u>15</u>	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Gr.
CIS	216	Cloud Technology ²	3	___
ELT	214	A+ Preparation IT Technician	3	___
ELT	215	IOT and Embedded Systems ²	3	___
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	___
SPE	115	Speech OR SPE 116 Interpersonal Communication	<u>3</u> 15	___

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Gr.
CIS	213	Penetration Testing ²	3	___
CPS	176	Introduction to Computer Programming	4	___
ECO	202	Introduction to Microeconomics	3	___
ELT	210	A+ Preparation Essentials	3	___
ELT	218	Introduction to Network Technologies	3	___
PHY	121	Technical Physics	<u>3</u> 19	___

OPTIONAL

ATI	200	Applied Technologies Internship ³	1-3	
-----	-----	--	-----	--

Fall Only Courses:

Spring Only Courses:

CIS 200	ELT 111	CIS 213	ELT 200
CIS 206	ELT 214	CIS 208	ELT 210
CIS 216	ELT 215	ELT 103	ELT 218
ELT 102		CIS 230	

¹ Requires a grade of "C" or higher.

² These courses have a prerequisite.

³ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

The Computer Support and Networking Degree AAS (00ELT3015) is an ICCB approved extension of the Electronics Technology AAS Degree (00ELT3010) and is the parent program to:

- Information System Technician Certificate Program (ELT 0106)
- IST Computer Support and Networking, Information Systems Technology Capstone Option at SIUC AAS Degree Program (00ELT3022)

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: Entry-level IT Technician, Entry-level IT Security, PC Repair Person, Wireless Network Administrator, Entry-Level Wireless Network Security Administrator, Entry-level Server Administrative Network Technician.