



Associate in Applied Science

Toward a Degree in

Computer Support & Networking

Career Curriculum 00ELT3015
Minimum Hours: 65
Major Code: 1.2 470104C
Effective Date: Fall 2017

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
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	_____
			15	

NOTES AND INFORMATION

Fall Only Courses:

CIS	200	ELT 111
CIS	206	ELT 214
CIS	216	ELT 215
ELT	102	

Spring Only Courses:

CIS	213	ELT 200
CIS	208	ELT 210
ELT	103	ELT 218
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.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
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	_____
			15	

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)

SECOND YEAR – FALL SEMESTER

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

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).

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	213	Penetration Testing ¹	3	_____
CPS	176	Introduction to Computer Programming ¹	4	_____
ECO	202	Introduction to Microeconomics	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	218	Introduction to Network Technologies	3	_____
PHY	121	Technical Physics	3	_____
			19	

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.

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.

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.

OPTIONAL

ATI	200	Applied Technologies Internship ³
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