



IST COMPUTER SUPPORT AND NETWORKING*
Information Systems Technology Capstone Option at SIUC
Degree Program

Career Curriculum 00ELT3022
 Associate in Applied Science
 Minimum Hrs. 65
 Major Code: 1.2 470104F

FIRST YEAR – FALL SEMESTER

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

SECOND YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.
CIS 216 Cloud Technology ¹	3	___
CIS 219 Ethical Hacking	3	___
ELT 214 A+ Preparation IT Technician	3	___
ELT 215 IOT and Embedded Systems ¹	3	___
SPE 115 Speech OR SPE 116 Interpersonal Communication	<u>3</u>	___
	15	

FIRST YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.
ELT 150 Applied Solid State Electronics	3	___
CIS 208 Security Awareness	3	___
CIS 230 Operating Systems	3	___
ELT 112 Digital Electronics II	3	___
ENG 101 English Composition I ² OR ENG 113 Professional Technical Writing ²	3	___
PHY 121 Technical Physics	<u>3</u>	___
	18	

SECOND YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.
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	<u>3</u>	___
	16	

Fall Only Courses:

CIS 200	ELT 102
CIS 206	ELT 111
CIS 216	ELT 214
CIS 219	ELT 215

Spring Only Courses:

ELT 210	ELT 218
CIS 213	ELT 112
ELT 150	

*Program Prerequisite: CIS 101 or equivalent. Equivalent may be met through course at a college or university, tech prep dual credit from high school, proficiency exam or consent of instructor. Students who do not meet prerequisite should take CIS 101 their first semester of enrollment.

¹ These courses have a prerequisite.

² Requires a grade of "C" or higher.

The IST Computer Support and Networking, Information Systems Technology Capstone Option at SIUC AAS Degree is an ICCB approved extension of the Computer Support and Networking AAS Degree (00ELT3015).

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: Computer Support Specialists, Network/Computer System Administrator, Computer Specialist. This degree is being taught in conjunction with the Electronics department. Upon successful completion of the program, the student will be able to build, repair, and troubleshoot a computer and be able to design, troubleshoot and administer a network. This degree will capstone to SIU through Information Systems Technologies.