

Associate in Applied Science

Toward a Degree in Computer Support & Networking

Career Curriculum 00ELT3015
Minimum Hours: 62
Major Code: 1.2 470104
Effective Date: Fall 2024

FIRST YEAR FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
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	or MAT 112 Introduction to Contemporary Mathematics	3 17	_____

NOTES AND INFORMATION

Fall Only Courses:

ELT 111 ELT 222
ELT 214
ELT 200

Spring Only Courses:

CIS 213 ELT 215
ELT 112 ELT 210
ELT 150 ELT 218
ELT 180

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.

⁴MFT 103 (Fall) may be taken as a substitute for ELT 150 (Spring)

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.

ELT	180	Ethics in Technology	3	_____
ELT	150	Applied Solid State Electronics ⁴	3	_____
ELT	112	Digital Electronics II	3	_____
PHY	121	Technical Physics	3	_____
			15	_____

SECOND YEAR FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	222	Applications of Artificial Intelligence	3	_____
ELT	200	Introduction to Microprocessors	3	_____
ELT	214	Fundamentals of Computing Hardware	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3 15	_____

JALC ELT Programs are education members of:

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

SECOND YEAR SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	213	Penetration Testing ¹	3	_____
ELT	210	Supporting Computer Operating Systems	3	_____
ELT	215	IOT and Embedded Systems ¹	3	_____
ELT	218	Introduction to Network Technologies	3	_____
IAI		Social and Behavioral Science Elective	3	_____
			15	_____

CIS 208 Security Awareness 3