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	

				_____
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 COM116 Interpersonal Communication	3	_____
			15	

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	

NOTES AND INFORMATION

Fall Only Courses:

ELT 111 ELT 222
ELT 214
ELT 200

Spring Only Courses:

CIS 213 ELT 215
ELT 112 ELT210
ELT 150 ELT218
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.

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

Career OpportunitiesEntry-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.

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 ofB rv d ra l' v ee dmi e

CIS	208	Security Awareness	3