

Associate in Applied Science
Toward a Degree in
**Computer Support &
Networking**

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College Fundamentals (A, B, or C)	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	<u>3</u> 17	_____

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	208	Security Awareness	3	_____
ELT	180	Ethics in Technology	3	_____
ELT	150	Applied Solid State Electronics ⁴	3	_____
ELT	112	Digital Electronics II	3	_____
PHY	121	Technical Physics	<u>3</u> 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	<u>3</u> 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	<u>3</u> 15	_____

OPTIONAL:

INT 101 Internship 1-4 hours³

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.

⁴ELT 105 (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.

JALC ELT Programs are education members of:



Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854



Association for Computing Machinery
1601 Broadway, 10th Floor
New York, NY 10019-7434

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