



COMPUTER SUPPORT AND NETWORKING
Electronic Systems Technology Capstone Option
Toward an Associate in Applied Science Degree

Career Curriculum
 Associate in Applied Science
 Minimum Hrs. 67
 Major Code: 1.2 470104C

FIRST YEAR – FALL SEMESTER

Dept. No.		Hrs.	Gr.
CIS 120	Database Management	3	___
ELT 100	DC/AC Fundamentals	8	___
ELT 214	A+ Preparation Operating Systems Core	3	___
MAT 108	College Algebra	<u>3</u>	___
		17	

SECOND YEAR – FALL SEMESTER

Dept. No.		Hrs.	Gr.
CIS 103	Wireless Networks*	3	___
CIS 206	Managing Network Environments I	3	___
ELT 200	Introduction to Microprocessors	5	___
ELT 236	Introduction to Fiber Optics	3	___
SPE 115	Speech	<u>3</u>	___
		17	

FIRST YEAR – SPRING SEMESTER

Dept. No.		Hrs.	Gr.
CPS 176	Introduction to Computer Programming	4	___
CIS 200	Network Essentials	3	___
ELT 110	Solid State Circuits	8	___
ELT 210	A+ Preparation Hardware Core	<u>3</u>	___
		18	

SECOND YEAR – SPRING SEMESTER

Dept. No.		Hrs.	Gr.
CIS 208	Security Awareness	3	___
ELT 218	Introduction to Network Technologies	3	___
ENG 101	English Composition I ¹	3	___
PHY 121	Technical Physics	3	___
PSY 132	General Psychology	<u>3</u>	___
		15	

¹ Requires a grade of "C" or higher.

*These courses have a prerequisite.

Program Prerequisite: CIS 101 or equivalent. Equivalent may be met through a 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.

ATI Internship is available.

Capstone Electives: Humanities Elective – PHL 111 or PHL 121; Life Science Elective (Group II) – BIO 100 or BIO 101 or BIO 110; Social Science Elective – ECO 201 or ECO 202 or SOC 133; Math Elective –MAT 108; English Elective – ENG 101.

Fall Only Courses

CIS 103
 CIS 206

Spring Only Courses

CIS 205
 CIS 208
 ELT 218

*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: November 14, 2006