

**Associate in Applied Science**  
Toward a Degree in  
**Computer Information Systems**

**FIRST YEAR – FALL SEMESTER**

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CIS	200	Network Essentials	3	_____
CIS	206	Managing Network Environment I	3	_____
OFT	207	Computer Application for Business	3	_____
ENG	101	English Composition I <sup>1</sup> OR ENG 113 Professional Technical Writing <sup>1</sup>	3	_____
MAT	120	Elementary Statistics or MAT 119 Elementary Statistics with Integrated Review OR BUS 111 Business Mathematics <sup>4</sup>	<u>3</u> 16	_____

**NOTES AND INFORMATION**

<u>Fall Only Courses:</u>		<u>Spring Only Courses:</u>	
CIS 200	CIS 216	CIS 209	CIS 231
CIS 206	CIS 225	OFT 220	

\*OFT 115 or equivalent is a recommended prerequisite for this program. Students who do not meet prerequisite should take OFT 115 their first semester of enrollment.

Students planning to capstone with SIU should follow the appropriate capstone curriculum guide.

**FIRST YEAR – SPRING SEMESTER**

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting OR ACC 200 Financial Accounting I	3	_____
OFT	120	Database Management	3	_____
CIS	208	Security Awareness	3	_____
CIS	209	Introduction to Cybercrimes	3	_____
CIS	230	Operating Systems	<u>3</u> 15	_____

<sup>1</sup> Requires a grade of "C" or higher.

<sup>2</sup> Students may choose electives from the following classes: CIS 213 Penetration Testing OR ELT 218 Introduction to Network Technologies

<sup>3</sup> These courses have a prerequisite.

<sup>4</sup> Or any higher level MAT course

**Career Opportunities:** This degree is for students that want to work in a computer environment and work with computer applications as well as administer a network. This degree will concentrate more on computer applications and networking than on business office practices. Preparation for MOS certifications can be obtained through this degree. This degree will also capstone to SIU through Information Systems Technologies and Health Care Management.

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 this document.

**SECOND YEAR – FALL SEMESTER**

Dept.	No.		Hrs.	Grade
BUS	110	Introduction to Business	3	_____
OFT	104	Spreadsheet Design	3	_____
CIS	216	Cloud Technology <sup>3</sup>	3	_____
CIS	171	Introduction to Scripting	4	_____
PHL	121	Introduction to Logic	<u>3</u> 16	_____

**SECOND YEAR – SPRING SEMESTER**

Dept.	No.		Hrs.	Grade
OFT	220	Advanced Spreadsheet Design <sup>3</sup>	3	_____
CIS	231	VPNs and Firewalls	3	_____
ECO	201	Introduction to Macroeconomics OR ECO 202 Introduction to Microeconomics	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
Elective <sup>2</sup>			<u>3</u> 15	_____