



**COMPUTER INFORMATION SYSTEMS (CIS)\***  
**Information Systems Technology Capstone Option at SIUC**  
**Degree Program**

Career Curriculum CIS 0400  
 Associate in Applied Science  
 Minimum Hrs. 65  
 Major Code: 1.2 110103C

**FIRST YEAR – FALL SEMESTER**

Dept. No.	Hrs.	Gr.
ACC 200 Financial Accounting	3	___
CIS 104 Spreadsheet Design	3	___
CIS 230 Operating Systems	3	___
ENG 101 English Composition I <sup>1</sup> OR ENG 113 Professional Technical Writing <sup>1</sup>	3	___
MAT 113 Introduction to Contemporary Mathematics	3 <u>15</u>	___

**SECOND YEAR – FALL SEMESTER**

Dept. No.	Hrs.	Gr.
CIS 206 Managing Network Environments I	3	___
CIS 210 Presentation Graphics	2	___
CIS 225 Advanced Database Management <sup>2</sup>	3	___
CIS 240 Web Page Design	3	___
CIS 250 Wireless Networks <sup>2</sup>	3	___
SPE 115 Speech	3 <u>17</u>	___

**FIRST YEAR – SPRING SEMESTER**

Dept. No.	Hrs.	Gr.
BUS 110 Introduction to Business	3	___
CIS 110 Introduction to Word Processing	2	___
CIS 120 Database Management	3	___
CIS 200 Network Fundamentals	3	___
ELT 210 Computer Systems	3	___
PHL 121 Introduction to Logic	3 <u>17</u>	___

**SECOND YEAR – SPRING SEMESTER**

Dept. No.	Hrs.	Gr.
CIS 208 Security Awareness	3	___
CIS 220 Advanced Spreadsheet Design <sup>2</sup>	3	___
CIS 245 Advanced Web Design <sup>2</sup>	3	___
CPS 176 Introduction to Computer Programming <sup>2</sup>	4	___
ECO 201 Introduction to Macroeconomics	3 <u>16</u>	___

Fall Only Courses:

CIS 206  
 CIS 225  
 CIS 250

Spring Only Courses:

CIS 200  
 CIS 208  
 CIS 220  
 CIS 245

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

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

<sup>2</sup>These courses have a prerequisite.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

*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: Fall 2008**

**Career Opportunities:** This degree is for students that want to work in a computer environment and work with the 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.