



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

Career Curriculum CIS 0402
Associate in Applied Science
Minimum Hrs. 65
Major Code: 1.2 110601F

FIRST YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.	
BUS 110	Introduction to Business	3	—
BUS 116	Keyboarding I ¹	3	—
CIS 101	Introduction to Computers	3	—
ENG 101	English Composition I ² OR ENG 113 Professional Technical Writing ²	3	—
MAT 113	Introduction to Contemporary Mathematics	<u>3</u> 15	—

SECOND YEAR – FALL SEMESTER

Dept. No.	Hrs.	Gr.	
BUS 235	Business Correspondence	3	—
CIS 104	Spreadsheet Design	3	—
CIS 225	Advanced Database Management ³	3	—
CIS 240	Web Page Design ³	3	—
SPE 115	Speech	3	—
	Elective ⁴	<u>3</u>	—
		18	—

SECOND YEAR – SPRING SEMESTER

FIRST YEAR – SPRING SEMESTER

Dept. No.	Hrs.	Gr.	
ACC 100	Business Accounting I OR ACC 200 Financial Accounting I	3	—
BUS 117	Keyboarding II ¹	3	—
CIS 110	Introduction to Word Processing	2	—
CIS 120	Database Management	3	—
CPS 176	Introduction to Computer Programming OR ELT 210 A+ Preparation Hardware Core	4-3	—
PHL 121	Introduction to Logic	<u>3</u> 17-18	—

Dept. No.	Hrs.	Gr.	
BUS 138	Employment Strategy	1	—
BUS 237	Office Procedures	3	—
CIS 210	Presentation Graphics	2	—
CIS 220	Advanced Spreadsheet Design ³	3	—
CIS 245	Advanced Web Design ³	3	—
ECO 201	Introduction to Macroeconomics OR ECO 202 Introduction to Microeconomics	<u>3</u> 15	—

Fall Only Courses:

CIS 225

Spring Only Courses:

BUS 237
CIS 220
CIS 245

¹ Proficiency exams are available for BUS 116 (requiring 40 wpm with no more than three errors on a three-minute straight-copy timing) and BUS 117 (requiring 55 wpm with no more than three errors on a three-minute straight-copy timing) for students entering the program with a sound background in keyboarding. See your advisor or the chairperson of the Business Department for information.

² Requires a grade of “C” or higher.

³ These courses have a prerequisite.

⁴ Students may choose electives from the following areas: ACC, ART, BUS, CIS, CPS, ECO, ELT, GRD, HIT, MFT, MGT, MKT.

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 applicable to students that want to work in an office environment and be proficient in the software applications needed in today’s office. Preparation for MOS certifications can be obtained through this degree.