

# Information Systems and Accounting Curriculum

## FIRST YEAR – FALL SEMESTER Credit Hours

ACC 200	Financial Accounting 1	3
BUS 111	Business Mathematics OR	
MAT 108	College Algebra	3
CIS 101	Introduction to Computers	3
CIS 230	Operating Systems	3
ENG 101	English Composition OR	
ENG 113	Technical Writing	3

## FIRST YEAR – SPRING SEMESTER Credit Hours

ACC 105	Payroll Accounting	3
ACC 201	Financial Accounting II	3
BUS 110	Introduction to Business	3
CIS 104	Spreadsheet Design	3
CIS 110	Introduction to Word Processing	2
CIS 120	Database Management	3

## SECOND YEAR – FALL SEMESTER Credit Hours

ACC 202	Managerial Accounting	3
CIS 210	Presentation Graphics	2
CIS 225	Advanced Database Management	3
ECO 201	Principles of Macroeconomics OR	
ECO 202	Principles of Microeconomics	3
PHL 121	Introduction to Logic	3
Elective *		3

## SECOND YEAR – SPRING SEMESTER Credit Hours

ACC 225	Integrated Acct. on Computers	3
BUS 138	Employment Strategy	1
CIS 208	Security Awareness	3
CIS 220	Advanced Spreadsheet Design	3
SPE 115	Speech	3
Elective *		3

**TOTAL HOURS 65**

\*STUDENTS MAY CHOOSE ELECTIVE FROM THE FOLLOWING AREAS: ACC, BUS, CIS, MGT, MKT.

## SIUC CAPSTONE

John A. Logan College has formal articulation agreements with Southern Illinois University Carbondale allowing CIS (AAS), CSN (AAS), and CAS (AAS) degree graduates to Capstone into the Bachelor of Information Systems Technologies, Health Care Management, or Workforce Education Development programs.

The Capstone option makes it possible for students to earn a bachelor's degree in 60 additional hours and allows them to complete an abbreviated University Core Curriculum requirement (30 hours vs. 41 hours).

## TECH PREP

JALC's Business Department participates in the Tech Prep program with district high schools. College credit may be granted for coursework completed in high school. Contact your guidance counselor or JALC's Tech Prep office for more information.

**FOR INFORMATION ON  
COMPUTER INFORMATION SYSTEMS,  
PLEASE CONTACT:**

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**shaynecrawshaw@jalc.edu**

**(618) 985-2828, Ext. 8526**

or

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**JOHN A. LOGAN COLLEGE**

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John A. Logan College does not discriminate on the basis of race, religion, color, national origin, disability, age or gender orientation.

# JOHN A. LOGAN COLLEGE Computer Information Systems



**CURRICULUM**

## Computer Information Systems Curriculum

### FIRST YEAR – FALL SEMESTER Credit Hours

ACC 100 OR ACC 200	3
CIS 101 Introduction to Computers	3
CIS 230 Operating Systems	3
ENG 101 OR ENG 113	3
MAT 113 OR BUS 111	3

### FIRST YEAR – SPRING SEMESTER Credit Hours

BUS 110 Introduction to Business	3
CIS 110 Introduction to Word Processing	2
CIS 120 Database Management	3
CIS 200 Network Essentials	3
PHL 121 Introduction to Logic	3
Elective*	3

### SECOND YEAR – FALL SEMESTER Credit Hours

CIS 104 Spreadsheet Design	3
CIS 206 Managing Network Environments I	3
CIS 225 Advanced Database Management	3
CIS 240 Web Page Design	3
CIS 250 Wireless Networks	3
SPE 115 Speech	3

### SECOND YEAR – SPRING SEMESTER Credit Hours

BUS 138 Employment Strategy	1
CIS 208 Security Awareness	3
CIS 210 Presentation Graphics	2
CIS 220 Advanced Spreadsheet	3
CIS 245 Advanced Web Page Design	3
ECO 201 OR ECO 202	3

**TOTAL HOURS 65**

\*SEE COLLEGE CATALOG FOR ELECTIVES.

PROGRAM PREREQUISITE: BUS 115 or equivalent.

Students who do not meet this prerequisite should take BUS 115 their first semester of enrollment.

## Computer Support and Networking Curriculum – Information Systems Technology Capstone Option

### FIRST YEAR – FALL SEMESTER Credit Hours

CIS 120 Database Management	3
CIS 207 Computer Applications	3
CIS 230 Operating Systems	3
ELT 102 Industrial Electricity	4
MAT 113 Introduction to Contemporary Mathematics	3

### FIRST YEAR – SPRING SEMESTER Credit Hours

CIS 200 Network Essentials	3
CIS 240 Web Page Design	3
ELT 200 Introduction to Microprocessors*	5
ELT 210 A+ Preparation Hardware Core	3
ENG 101 English Composition 1 OR	
ENG 113 Professional Technical Writing	3

### SECOND YEAR – FALL SEMESTER Credit Hours

CIS 206 Managing Network Environments I	3
CIS 225 Advanced Database Management*	3
CIS 250 Wireless Networks*	3
ELT 114 A+ Prep Operating Systems Core	3
ELT 236 Intro to Fiber Optics*	3
SPE 115 Speech	3

### SECOND YEAR – SPRING SEMESTER Credit Hours

CIS 208 Security Awareness	3
CIS 245 Advanced Web Page Design	3
CPS 176 Intro to Computer Programming*	4
ECO 202 Principles of Microeconomics	3
PHY 121 Technical Physics	3

**TOTAL HOURS 67**

\*THESE COURSES HAVE A PREREQUISITE.

PROGRAM PREREQUISITE: CIS 101 or equivalent. Equivalent may be met through course at a college or university, Tech Prep dual credit from high school, or proficiency exam.

## Computer Application Specialist Curriculum

### FIRST YEAR – FALL SEMESTER Credit Hours

BUS 116 Keyboarding I	3
CIS 101 Introduction to Computers	3
CIS 230 Operating Systems	3
ENG 101 OR ENG 113	3
MAT 113 OR BUS 111	3

### FIRST YEAR – SPRING SEMESTER Credit Hours

ACC 100 OR ACC 200	3
BUS 110 Introduction to Business	3
BUS 117 Keyboarding II	3
CIS 110 Introduction to Word Processing	2
CIS 120 Database Management	3
PSY 132 General Psychology	3

### SECOND YEAR – FALL SEMESTER Credit Hours

BUS 235 Business Correspondence	3
CIS 104 Spreadsheet Design	3
CIS 225 Advanced Database Management	3
CIS 240 Web Page Design	3
SPE 115 Speech	3
Elective*	3

### SECOND YEAR – SPRING SEMESTER Credit Hours

BUS 138 Employment Strategy	1
BUS 237 Office Procedures	3
CIS 210 Presentation Graphics	2
CIS 220 Advanced Spreadsheet Design	3
CIS 245 Advanced Web Page Design	3
ECO 201 OR ECO 202	3

**TOTAL HOURS 65**

\*SEE COLLEGE CATALOG FOR ELECTIVES.

\*STUDENTS MAY CHOOSE ELECTIVE FROM THE FOLLOWING AREAS: ACC, BUS, CIS, MGT, MKT.