

# Bachelor of Science, Information Systems

Community College of Beaver County to Clarion University of Pennsylvania

# Transfer GUIDE

This guide lists the CCBC courses in the right column that fulfill the Clarion University requirements in the left column. To transfer courses, you will need a grade of "C" or higher. The information systems degree requires a minimum of 120 credit hours and a 2.0 QPA for degree completion.

## CLARION REQUIREMENTS

### General Education Requirements (48 credits)

See General Education Transfer Guide for requirements.

### Mathematics Requirements

*Complete two courses in:*

MATH 131	Applied Finite Mathematics
MATH 232	Calculus for Business I

### Information Systems Major (63 credits)

*Complete one course in:*

ECON 221	Economic and Business Statistics I
MATH 221	Elementary Applied Statistics

*Complete 18 courses in:*

ECON 211	Principles of Macroeconomics
ECON 212	Principles of Microeconomics
ACTG 251	Financial Accounting
ACTG 252	Managerial Accounting
MGMT 320	Management Theory & Practice
MKTG 360	Principles of Marketing
FIN 370	Financial Management
CIS 110	Intro to Computer Information Systems
CIS 202	Intro to Event-Driven Programming
CIS 206	Intro to Java Programming
CIS 217	Applications of Microcomputers
CIS 301	Computer Systems Analysis
CIS 303	Local Area Networks
CIS 317	Microcomputer Maintenance Concepts/Tech
CIS 330	Advanced Event-Driven Programming
CIS 402	Database Management Systems
CIS 403	Data Communications
CIS 411	Systems Development Project

*Complete six hours credit in:*

CIS 253	Computer Organization & Assembly Language
CIS 304	Internet Programming
CIS 305	Artificial Intelligence in Decision-Making
CIS 306	Object-Oriented Programming
CIS 312	Special Topics in Computing
CIS 333	Information Systems Auditing & Security
CIS 462	Simulation and Modeling

### Residency Requirement

A minimum of 30 of the last 45 credits must be taken through Clarion University with at least 50 percent of major credits taken through Clarion.

**EFFECTIVE FALL 2010**

*Clarion University is an affirmative action equal opportunity employer. 8/10*

## CCBC EQUIVALENT COURSES

No CCBC equivalent  
No CCBC equivalent

No CCBC equivalent  
MATH 135

BUSM 255  
BUSM 256  
ACCT 110  
ACCT 111  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent  
CIST 100  
CIST 160  
CISW 202  
CIST 100 or 106  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent

No CCBC equivalent  
CISW 105  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent  
No CCBC equivalent

