

Computer Information Systems (CIS)

THE DEGREE: Associate of Science

THE PROGRAM: is for students interested in applying knowledge of microcomputer operating systems, software, and networks to business needs. The program teaches the use of current application packages in databases, spreadsheets, word processing, and website design and administration, single-user and network operating systems, network administration and design, and database development and programming. A foundation of business courses is included.

YOUR NEXT STEP: employment as the microcomputer specialist, consultant, or technical support person in a variety of business settings, or transfer to a four-year program.

REQUIRED COURSES	CREDITS
Business Core	
ACC 121 Principles of Financial Accounting I, or ACC 151 Concepts in Financial Accounting I	3-4
BUS 111 The Contemporary Business World.....	3
BUS 116 E-commerce.....	3
Business Elective: choose any one of the following: ACC 122, ACC 152, BUS 123, BUS 155, or any 200-level course coded ACC or BUS	3-4
Computer Core	
CIS 140 Microcomputer Software Tools I	3
CIS 141 Microcomputer Software Tools II.....	3
CIS 145 Relational Database Design and Application	3
CIS 150 Programming Principles and Concepts	3
CIS 151 Web Site Development.....	3
CIS 180 Network Workstation Administration	3
CIS Elective: choose any nine (9) credits in CIS courses numbered 200 or above	9
Liberal Arts Core	
ECO 101 Principles of Macroeconomics, or ECO 102 Principles of Microeconomics	3
ENG 101, 103, or 105 English Composition I.....	3
ENG 112, 114, or 116 English Composition II	3
Math Elective (coded NC) ①	3
PSY 101 Principles of Psychology, or SOC 101 Principles of Sociology.....	3
Liberal Arts Electives (ART 161 Introduction to Electronic Studio and ART 264 Flashsite Design strongly recommended	6
TOTAL 60-63	

① CIS majors must pass or place out of MAT 106 to take CIS 150, so MAT 107 is strongly recommended.

PROGRAM COORDINATOR

Dr. Thomas R. Simmons, Office: E132F, (413) 775-1482, email: simmonst@gcc.mass.edu