

# Computer Information Systems

## Microcomputer Specialist Degree

**Degree:** Associate in Applied Science

**Total Required Credits for Degree:** minimum of 64

*Program Requirements:* 36 or 37

*Program Electives:* 9

*General Education Credits:* 18 or 19

**Code:** 3216

### About the Program

The Computer Information Systems program prepares students to work in the field of computer technology. The Microcomputer Specialist degree is designed for students preparing for careers involving technology, such as support and training.

Program web site: [www.cod.edu/cis](http://www.cod.edu/cis)

### Key First Semester Courses

CIS 1120	The Internet.....	2
CIS 1130	Windows Basics.....	2
CIS 1150	Introduction to Computer Information Systems .....	3
CIS 1160	Windows Command Line (DOS).....	2
Engli 1101	English Composition I .....	3
Math 1115	Technical Mathematics I.....	3

### Program Requirements

CIS 1120	The Internet.....	2
CIS 1130	Windows Basics.....	2
CIS 1150	Introduction to Computer Information Systems .....	3
CIS 1160	Windows Command Line (DOS).....	2
CIS 1180	Introduction to Networking.....	3
CIS 1205	Office Suite Software and Integration .....	3
CIS 1221	Introduction to Spreadsheets .....	3
CIS 1222	Advanced Spreadsheets .....	2
CIS 1230	Microcomputer Database Application .....	3
CIS 1310	HTML and CSS.....	3
CIS 1400	Programming Logic and Technique .....	4
CIS 2770	Introduction to System Analysis and Design.....	3
Accou 1110	Accounting Procedures .....	3
OR		
Accou 1140	Financial Accounting .....	4

### Program Electives

Select 9 hours from any CIS or CSCI courses except CIS 1110.

### General Education Requirements

Each candidate for an Associate in Applied Science (A.A.S.) degree shall satisfactorily complete a minimum of 18 credits in General Education.

Use the Student Planning Worksheet or consult a list of General Education categories and courses for the A.A.S. degree to decide what needs to be taken. Links can be found on the Computer Information Systems online program guide (go to [www.cod.edu/cis](http://www.cod.edu/cis).)

Under the specified General Education headings below, the following courses are required or recommended for the Microcomputer Specialist degree:

**Communications:** 6 credits required

*Recommended courses:* English 1101, 1102; Speech 1100

**Physical/Life Sciences:** 3 to 5 credits required

Select at least one course with a lab component. See the *Student Planning Worksheet*.

**Mathematics:** 3 to 5 credits required

*Recommended course:* Mathematics 1220, 1533 or higher

**Humanities and Fine Arts:** 3 credits required

*Recommended course:* Philosophy 1120

**Social and Behavioral Sciences:** 3 credits required

*Recommended course:* Economics 2201

### Additional A.A.S. Degree Requirements

A minimum of 2 credits must be completed from the list of courses in the Global/Multicultural Studies or Contemporary Life Skills category. Courses taken under Program Requirements, Program Electives or General Education can satisfy this requirement.

*Required course:* Computer Information Systems 1120, 1130, 1150 or Computer Science 1400 (already listed under Program Requirements)

(continued on next page)

# Computer Information Systems

## Microcomputer Specialist Degree

(continued from page 1)

### Advisers

Consult with a faculty adviser in this field:

	Phone
Louis Christakes E-mail: christak@cod.edu Areas of interest: ASP, Programming, Web Development	(630) 942-2970
Carolyn England Coordinator E-mail: england@cod.edu Areas of interest: Programming, Linux	(630) 942-4125
Harry Hou E-mail: houhain@cod.edu Areas of interest: Networking	(630) 942-4024
Annette Kerwin E-mail: kerwin@cod.edu Areas of interest: Assembler, Java, Visual Basic	(630) 942-2042
Dejang Liu E-mail: liudejan@cod.edu Areas of interest: Database, Spreadsheets	(630) 942-3270
Michael Losacco, Coordinator E-mail: losacco@cod.edu Areas of interest: Office, Web Development	(630) 942-3277
Mohammad Morovati E-mail: morovatm@cod.edu Areas of interest: Programming, Networking, MCSE	(630) 942-2478
Sally Field Mullan E-mail: mullan@cod.edu Areas of interest: Visual Basic, Database, Java, C++, Operating Systems, Game Development	(630) 942-2941
Robert Nichols E-mail: nicholsr@cod.edu Areas of interest: Programming, Office	(630) 942-4631
John Partacz E-mail: partacz@cod.edu Areas of interest: Networking, Systems Analysis and Design	(630) 942-2799
Paul Svoboda, E-mail: svoboda@cod.edu Areas of interest: COBOL, Structured Logic, Database	(630) 942-2646
Mary Ann Zlotow E-mail: zlotow@cod.edu Areas of interest: Linux, Office	(630) 942-3388