

COMPUTER INFORMATION SYSTEMS, Associate in Applied Science Degree - 1796

Technology and Industry Department

CIP Code: 11.1006

The Computer Information Systems AAS degree provides students with the essential knowledge and skills in computer software, hardware and network communication needed for entry into the computer information technology job market as a *Support Specialist*. Support Specialists provide technical support with software, hardware and security issues. This program can be completed at all of HACC's campus locations through a combination of mixed modalities (e.g. on-campus/in-person instruction, hybrid, flex, remote instruction and/or distance education).

Career Opportunities

Graduates may obtain entry-level positions within many different businesses, government agencies, computer consulting firms, health care and educational institutions as a *Support Specialist*, which includes positions as a computer operator, help-desk analyst, and technical support specialist.

Competency Profile

These degree concentrations are designed to prepare students to:

- Manage and troubleshoot computer software
- Manage and troubleshoot computer hardware and networks
- Gain skills to provide technical assistance to end-users with helping them solve computer-related problems.

PROGRAM REQUIREMENTS (TOTAL CREDITS = 61)

General Education		Major Requirements		Other Required Courses	
COMM 101 Effective Speaking (or)	3	CIS 105 Introduction to Software for Business	3	MGMT 227 Principles of Project Management	3
COMM 203 Interpersonal Communication	(3)	CIS 110 Introduction to Computer Information Systems (or)	3	Computer-Related Elective*	3
ENGL 101 English Composition I	3	MIS 103 Management Information Systems	(3)		6
First-Year-Seminar Elective	1	CIS 126 Computer Hardware	4		
Humanities & Arts Core Elective	3	CIS 131 Operating Systems	4		
Mathematics or Science Core Elective	3	CIS 135 Intermediate Spreadsheet Application	3		
Social & Behavioral Science Core Elective	3	CIS 222 Introduction to Windows Servers	3		
Wellness Elective	1	CIS 227 Technical Support	3		
	17	CIS 241 Database Administration I	3		
		CIS 259 Data Visualization	3		
		CNT 120 Network Communication Technology I	3		
		CNT 250 Virtualization and Cloud Computing	3		
		CYBR 100 Introduction to Cybersecurity (or)	3		
		CYBR 200 Ethical Hacking & Incident Response	(3)		
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*Students select 3-credits of computer-related electives from the following areas: CIS, CNT, CYBR, DAT, GIS and WEB.

Note: Grades of C, or higher, are required for all computer-related courses (CIS, CNT, CPS, CYBR, DAT, GIS, MIS, MGMT and WEB). Students must complete CIS 105 with a grade of C, or higher, prior to enrolling into certain courses within the major. They may test out of CIS 105 through a Credit by Examination.

RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS

Part-time students can complete this program by taking one or more courses each semester.

Fall Semester I		Spring Semester I		Fall Semester II		Spring Semester II	
CIS 105	3	CIS 126	4	CIS 222	3	CIS 227	3
CIS 110 or MIS 103	3	CIS 131	4	CIS 241	3	CNT 250	3
CNT 120	3	CIS 135	3	CIS 259	3	Computer-Related Elective*	3
COMM 101 or 203	3	Social/Behavior Science Core Elective	3	CYBR 100 or 200	3	MGMT 227	3
ENGL 101	3	Wellness Elective	1	Humanities/Arts Core Elective	3	Math/Science Core Elective	3
FYS Elective	1						