

COMPUTER INFORMATION SYSTEMS

School of Business

Dean: Mink Stavenga, DBA

Department Chair: Thomas Luibel, B.S.

Office: 25-115, (619) 482-6582

School/Department Location: www.swccd.edu/cvlocation

Map: <https://goo.gl/maps/C4E3PnKsdU92> (<https://goo.gl/maps/C4E3PnKsdU92>)

General Description

Computer information systems is the study of the history, theories, principles, processes, procedures, structures, designs, applications, programs, languages, and management of modern information systems and technology. This department explores computer skills, data entry operations, information manipulation, control and data structures, software capabilities, program development, database management, design processes, Web applications, operating systems, and system analysis.

Career Options

Following is a sample of the career options available for computer information systems majors. Most require an associate in science degree, some require a bachelor's degree, and a few require a graduate-level degree: computer operator, data technician, systems analyst, computer maintenance technician, programmer, systems test engineer, software technician, documentation specialist, local area network (LAN) administrator, personal computer (PC) specialist, Web designer, database designer, and eCommerce technician and administrator positions available in allied professions of computer science, business, and industry.

Degree/Certificate Options	Major Code
Associate in Arts Degree: Transfer Preparation	
Information Systems (http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/cis-information-systems-aa/)	01130
Associate in Science Degree: Career/Technical	
CIS: Computer Programming With an Emphasis on Applications (http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/computer-programming-emphasis-applications-as/)	02273
Associate in Science Degree: Career/Technical - Computer Information Systems (CIS)	
All CIS emphasis programs below	

CIS—Systems Programming Emphasis (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/cis-computer-programming-emphasis-applications-as/sys/>) 02090

CIS—Web Site Designer and Developer (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/cis-website-designer-and-developer-as/>) 02121

Certificates of Achievement

CIS: Computer Programming With an Emphasis on Applications—Basic (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/cis-computer-programming-emphasis-applications-basic-certificate/>) 02274

CIS—Systems Programming Emphasis (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/cis-systems-programming-emphasis-certificate/>) 02099

Certificates of Proficiency

CIS—Web Designer (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/cis-web-designer-certificate/>) 02108

C++ Certificate (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/c-plus-plus-certificate/>) 01064

Project Management (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/project-management-certificate/>) 02276

Social Media Marketer (<http://catalog.swccd.edu/associate-degree-certificate-programs/computer-information-systems/social-media-marketer-certificate/>) 01065

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

Faculty

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