

COLLEGE OF
MARIN

Computer Information Systems



The Computer Information Systems curriculum is designed to provide education for computer-related careers, professional advancement, and transfer preparation. Courses provide “hands on” computer use that emphasizes the development of the skills necessary for employment and personal use of computers. Program specialties include desktop and network support, desktop publishing, microcomputer manager, and microcomputer programmer.

Job Opportunities

WHAT JOBS ARE AVAILABLE IN THIS FIELD?	HOW MUCH DO THEY EARN?	HOW MANY PEOPLE CURRENTLY WORK IN THIS POSITION IN THE AREA?	HOW MANY NEW JOBS WILL OPEN BY 2022 IN THE AREA?	GROWTH INDICATOR
Web Developer*	\$56,805-\$105,352 yearly	4,049	825	▲ Strong
Computer Network Support Specialist*	\$60,029-\$98,800 yearly	2,265	475	▲ Strong
Computer Programmer*	\$78,166-\$130,229 yearly	5,286	417	▲ Strong

Web Developers design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content..

Computer Network Support Specialists analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Perform network maintenance to ensure networks operate correctly with minimal interruption.

Computer Programmers create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

To explore these professions in more detail or find out about other growing professions, visit onetonline.org. The College of Marin Career and Technical Education department can be contacted at (415) 457-8811 x8200 for more information about this and other Workforce and Career Technical Education programs.

* Labor data and potential median income sourced from Economic Modeling Specialists International (www.economicmodeling.com) and includes the North Bay Region and San Francisco County. For more information about graduation rates, median debt of students who have completed the program, and other important information, visit our website at www1.marin.edu/gainful-employment

Program

CERTIFICATE PROGRAM LENGTH	ESTIMATED TUITION AND FEES*	ESTIMATED BOOKS AND SUPPLIES*
2 Semesters, 21 Units	\$1074.00	\$600

* These expenses may not reflect your actual cost to attend College of Marin. For information about opportunities for financial aid, please contact Enrollment Services at (415) 457-8811 Ext. 8822 or via email admissions@marin.edu

Projected Full-time course rotation

CLASS TITLE	COMPLETED	COURSE #	COURSE UNITS	SEMESTER OFFERED	DAYS OFFERED	TIME OF CLASS	REQUIRED FOR CERTIFICATE OR ASSOCIATE DEGREE ¹
SEMESTER 1			(10.5)				
Microsoft Excel Spreadsheet Design	<input type="checkbox"/>	CIS 118	1.5	Fall, Spring	W, T	Morning, Evening	X
MS PowerPoint Presentations and Publications	<input type="checkbox"/>	CIS 113	1.5	Fall	T	Evening	X
Introduction to Windows	<input type="checkbox"/>	CIS 126	1.5	Fall, Spring	S	Morning	X
Networking Fundamentals and Practices	<input type="checkbox"/>	CIS 275	3	Fall	W	Evening	X
Introduction to MS Access Database Design	<input type="checkbox"/>	CIS 117	1.5	Fall, Spring	W, R	Evening	X
Elective	<input type="checkbox"/>		1.5				X
SEMESTER 2			(10.5)				
Intermediate Microsoft Excel Spreadsheet Design	<input type="checkbox"/>	CIS 128	1.5	Fall, Spring	T	Evening	X
Introduction to Computer Information Systems	<input type="checkbox"/>	CIS 110	3	Fall, Spring	M-R	Morning, Evening	X
Intermediate MS Access Database Design	<input type="checkbox"/>	CIS 127	1.5	Fall, Spring	R	Evening	X
Introduction to HTML Programming	<input type="checkbox"/>	CIS 141	1.5	Fall, Spring	W	Evening	X
Intermediate HTML Programming	<input type="checkbox"/>	CIS 142	1.5	Fall, Spring	W	Evening	X
Elective	<input type="checkbox"/>		1.5				X
TOTAL			21				

¹Associates Degree requires completion of additional general education coursework. Please refer to the course catalog or consult your counselor for requirements.

ELECTIVES			CHOOSE 3 UNITS				
Beginning Microsoft Word	<input type="checkbox"/>	CIS 102	1.5	Fall, Spring	W, R	Morning, Evening	
Advanced Database Design	<input type="checkbox"/>	CIS 137	1.5	Spring	W	Evening	
Visual BASIC Programming	<input type="checkbox"/>	CIS 215	3.5	Fall	M	Evening	
SQL Programming	<input type="checkbox"/>	CIS 237	1.5	Spring	W,R	Evening	

For assistance with creating your educational plan and choosing the program that is right for you, stop in and see your counselor. To schedule an appointment, call the counseling office at (415) 485-9432.