


	<p align="center">Pathway: Information Technology</p>	<p align="center">Plan of Study: Computer Information Systems <i>Web ID 1478</i></p>
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<p>Career Goal (O*Net Code): (Click the occupational title to access education, skills, and employment outlook information)</p> <p>Computer and Information Systems Managers (11-3021.00) Computer Programmers (15-1021.00) Computer Security Specialists (15-1071.01)* Computer Software Engineers, Systems Software (15-1032.00)*  Computer Support Specialists (15-1041.00)* Computer Systems Analysts (15-1051.00)* Database Administrators (15-1061.00)* Network and Computer Systems Administrators (15-1071.00)* Network Systems and Data Communications Analysts (15-1081.00)* Web Developers (15-1099.04)*</p> <p>* High Demand Career Aims Computer Information Systems Web Site</p>	<p>Relevant Occupational Experience</p> <p>Pathway Overview: The Information Technology pathway focuses on careers in designing, supporting, and managing hardware, software, multimedia, and systems integration.</p> <p>Relevant Abilities: Problem-solving skills, Communication skills, Good with people, Logical, Organized, Creative, Willing to learn, Marketing skills are useful, Willing to keep up-to-date with changes in computer technology.</p> <p>Military: <i>Computer Systems Officer & Computer Systems Specialist</i></p> <p>CCCS Credit for Prior Learning Guide Aims Assessment for Credit for Prior Learning assistance</p> <p>Related Occupations: Computer Support Specialists</p>
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Possible Pathways to your Career!

	Programs Available	Program Length (*Based on meeting Program Entrance Requirements)	Tuition	Career Options	Salary Range
Certificate Option(s)	CIS Information Technology Certificate (3 Semesters) Data Base Administration Certificate (3 semesters) Network Analyst Certificate (3 semesters) Object Oriented Programming: Mobile Applications Certificate (3 semesters) UNIX Certificate (3 semesters) Visual Basic Programming Certificate (3 semesters) Web Page Development Certificate (3-4 semesters)	28 credits 21 credits 24 credits 21 credits 18 credits 15 credits 24 credits	Aims Tuition	Information Technology Specialist (IT Specialist), Support Specialist, Computer Technician, Computer Support Specialist, Help Desk Analyst, Technical Support Specialist, Network Support Specialist, Electronic Data Processing Auditor (EDP Auditor), Network Technician, Computer Specialist, Webmaster, Web Designer, Web Developer	<p align="center">\$\$-\$\$\$\$</p>



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Associate Degree(s)	<u>Computer Information Systems, A.A.S. (2 years)</u>	64 credits	<u>Aims Tuition</u>	Programmer Analyst, Programmer, Analyst Programmer, Computer Programmer, Software Developer, Applications Developer, Computer Programmer Analyst, Internet Programmer, Java Developer, Web Programmer, Systems Analyst, Programmer Analyst, Business Systems Analyst, Computer Systems Analyst, Computer Analyst, Information Systems Analyst (ISA), Applications Analyst, Business Analyst, Systems Engineer, Network Analyst, Network Engineer, Systems Engineer, Systems Administrator, Systems Analyst, Network Specialist, Network Technician, System Programmer, Telecommunications Manager, Systems Specialist	\$\$-\$\$\$\$
Articulation Opportunities for High School Students: CIS 118 Articulations available with Briggsdale HS, Greeley/Evans District 6, Thompson School District, and Valley HS. High School students can take college classes during their 11 th & 12 th grade years for free under <u>Concurrent Enrollment</u> legislation. See your counselor for more information.				<u>How to get Articulation Credit</u>	
Advanced Degree(s)/Ad	Computer Systems Networking and Telecommunications System, Networking, and LAN/WAN Management/Manager Computer and Information Sciences, General Web/Multimedia Management and Webmaster Web Page, Digital/Multimedia and Information Resources Design	<u>Art Institute</u> <u>DeVry University</u> <u>National</u> <u>Western State</u> <u>Westwood</u> <u>Colorado Christian</u> <u>Fort Lewis</u> <u>Mesa State</u> <u>MSCD</u> <u>UC of Colorado</u>		Information Technology Manager (IT Manager), Information Technology Director (IT Director), Information Systems Director (IS Director), Data Processing Manager, MIS Director (Management Information Systems Director), Information Systems Manager (IS Manager), Information Systems Supervisor (IS Supervisor), Computing Services Director, Director of Application Development, Technical Services Manager, Programmer Analyst, Programmer, Analyst Programmer, Computer Programmer, Software Developer, Applications Developer, Computer Programmer Analyst, Internet Programmer, Java Developer, Web Programmer, Information Technology Specialist, Data Security Administrator, Information Security Analyst, Information Security Officer,	\$\$-\$\$\$\$



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				<p>Computer Specialist, Information Security Specialist, Information Systems Security Analyst, Computer Security Specialist, Information Security Manager, Information Technology Security Analyst, Software Engineer, Software Developer, Systems Engineer, Network Engineer, Developer, Publishing Systems Analyst, Application Developer, Averaged HEND (High-Energy Neutron Data) Data Product Lead (AHD Product Lead), Business Systems Analyst, Computer Consultant, Database Administrator (DBA), Database Analyst, Database Administration Manager, Database Coordinator, Database Programmer, Information Systems Manager, Management Information Systems Director (MIS Director), Programmer Analyst, Systems Manager, Systems Administrator, Network Administrator, Network Engineer, Information Technology Specialist (IT Specialist), Local Area Network Administrator (LAN Administrator), Information Technology Manager (IT Manager), Information Technology Director (IT Director), Systems Engineer, Network Manager, Network Specialist</p>
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* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

	CollegInColorado's SLOPE Calculator	SLOPE calculates your estimated monthly payment for student loans and compares it to your projected earnings for your career choice. The results will indicate how much you can borrow comfortably based upon your career.
	College Tuition Comparison Guide	Compare Colleges Resident and Non-resident tuition and fees.

Extended Learning Experiences

Support Services:

[Services for Students](#) – Academic Support, Advising, Bookstore, Campus Technology, Career Center, E-Cashier, Disability Services, Fitness Facilities, Financial Aid, Library, Learning Commons, Student Life, Student Success Center, Testing Center, Tutoring & Supplemental Instruction.



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Financial Aid:

[General Financial Aid Information](#) – Aims Community College offers a wide variety of financial aid programs and services to help you meet your educational costs including Federal & State Grants, Scholarships, Work-Study Program

Professional Affiliations

- Colorado Community Colleges System
- Colorado Commission on Higher Education
- Higher Learning Commission, North Central Association of Colleges and Schools

Aims Kiefer Library Subject Guide - [Computer Information Systems/Computer Science](#)

Occupational Outlook Handbook -- [Network and Computer Systems Administrators](#) Listing of Jobs related to [Computers](#)

Work Environment and Physical Demands

Occupations often can be performed by those with disabilities when provided with appropriate adaptations.

- Indoors, usually in air-conditioned surroundings.
- May be on call 24 hours a day, 7 days a week.
- May be exposed to moderate noise produced by computer and printing equipment.
- Stress from having to meet deadlines, when hardware/ software fails during critical situations, and user demand may exceed capability.
- Satisfaction is gained by contributing to a functioning organization.
- Near vision is usually required to read reports and manuals and view computer monitors.
- Finger dexterity needed to use computer keyboard.
- May be required to lift objects weighing 10-30 pounds.
- Frequent communication through telephone and email.

To find adaptations used for specific disabilities, go to the Job Accommodation Network's [Searchable Online Accommodation Resource \(SOAR\)](#).

Source: EUREKA, the California Career Information System

Aims Community College is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools.

Aims Community College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: [Sandra Owens, 5401 West 20th Street P.O. Box 69, Greeley CO. 80634.](#)

*** It is strongly recommended that if students are intending to transfer to a four-year institution, they consult with the transfer institution to determine transferability of their Aims Community College courses.*

**** This document is a guide only. It does not act as a legally binding contract.*