



**Aims Community College  
Computer Information Systems  
(CIS)  
Postsecondary Plan of Study**

	<b>Pathway: Information Technology</b>	<b>Plan of Study: Computer Information Systems</b> <b>Web ID 1478</b>
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<p><b>Career Goal (O*Net Code):</b> (Click the occupational title to access education, skills, and employment outlook information)</p> <p> <a href="#">Computer and Information Systems Managers</a> (11-3021.00)  <a href="#">Computer Programmers</a> (15-1021.00)  <a href="#">Computer Security Specialists</a> (15-1071.01)*  <a href="#">Computer Software Engineers, Systems Software</a> (15-1032.00)* <span style="color: green;">✔Green</span>  <a href="#">Computer Support Specialists</a> (15-1041.00)*  <a href="#">Computer Systems Analysts</a> (15-1051.00)*  <a href="#">Database Administrators</a> (15-1061.00)*  <a href="#">Network and Computer Systems Administrators</a> (15-1071.00)*  <a href="#">Network Systems and Data Communications Analysts</a> (15-1081.00)*  <a href="#">Web Developers</a> (15-1099.04)*         </p> <p>* High Demand Career  <a href="#">Aims Computer Information Systems Web Site</a> </p>	<p><b>Relevant Occupational Experience</b></p> <p><b>Pathway Overview:</b> The Information Technology pathway focuses on careers in designing, supporting, and managing hardware, software, multimedia, and systems integration.</p> <p><b>Relevant Abilities:</b> 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><b>Military:</b> <i>Computer Systems Officer &amp; Computer Systems Specialist</i></p> <p><a href="#">CCCS Credit for Prior Learning Guide</a>          Aims <a href="#">Assessment</a> for <a href="#">Credit for Prior Learning</a> assistance</p> <p><b>Related Occupations:</b> <a href="#">Computer Support Specialists</a></p>
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**Possible Pathways to your Career!**

	Programs Available	Program Length (*Based on meeting Program Entrance Requirements)	Estimated Tuition (in-district)	Career Options	Salary Range
Certificate Option(s)	<a href="#">Data Base Administration</a> <a href="#">Information Technology</a> <a href="#">Network Analyst</a> <a href="#">Object Programming</a> <a href="#">UNIX</a> <a href="#">Visual Basic Programming</a> <a href="#">Web Page Development</a>	21 credits (2 Sem) 29 credits (2 Sem) 24 credits (2 Sem) 21 credits (2 Sem) 18 credits (2 Sem) 15 credits (2 Sem) 24 credits (2 Sem)	\$1820.40 \$2479.60 \$2067.60 \$1820.40 \$1573.20 \$1281.00 \$2067.60	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	<b>\$\$-\$\$\$\$</b>



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Associate Degree(s)	<a href="#">Computer Information Systems</a> <a href="#">Web Design &amp; Development</a>	64 credits (4 Sem) 63 credits (4 Sem)	\$5416.00 \$5350.60	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	\$\$-\$\$\$\$
	CIS 118 Articulations available with Briggsdale HS. Students can take classes under Concurrent Enrollment or PSEO.			<a href="#">How to get Articulation Credit</a>	
Articulation Opportunities to Advanced Degrees:					
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	<a href="#">Art Institute DeVry University National Westwood</a> <a href="#">Colorado Christian Fort Lewis Mesa State MSCD UC of Colorado</a>		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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				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
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\* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

	08-09 Placement Trends: Computer Information Systems	15 completers	*R 90%	*U 0%	*R: related occupations *U: unrelated occupations	
	The 3 year median loan debt incurred by program completers	<i>(Needs to be calculated by Student Financial Aid)</i>				
	<a href="#">CollegeInColorado's SLOPE Calculator</a>	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.				
	<a href="#">College Tuition Comparison Guide</a>	Compare Colleges Resident and Non-resident tuition and fees.				



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**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.

**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**

*To be supplied by department*

**Selected Web Resources**

[PC World: 101 Fabulous Freebies](#)

[DevCentral](#)

[Whatis?com](#)

[University of Delaware Library: World Wide Web Search Tools](#)

[Association for Computing Machinery](#)

[CompuTREK, Computing Simplified: Internet Error Messages](#)

[Adware & Spyware](#)

[Slashdot: News for Nerds, Stuff that Matters](#)

[Tom's Hardware Guide](#)

[versiontracker: Find, Download, and Rate Software](#)

[Network Professional Association \(NPA\)](#)

[Network Computing](#)

[Microsoft Learning](#)

[Association of Information Technology Professionals \(AITP\)](#)

[Foundation for Information Technology Education \(FITE\)](#)

[Occupational Outlook Handbook – Computer Network, Systems, and Database Administrators](#)

**Practical Learning Experiences:**

*(Insert non-classroom learning experiences here – i.e. internships, job shadowing, etc...)*

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

**Career & Technical Education** is delivered through the Colorado Community College System [www.ccs.edu](http://www.ccs.edu)



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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.*

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