



## Pathway: Information Support and Services

**Plan of Study:** [Computer Information Systems & Computer Networking](#)

**Program:** [Computer Information Systems & Computer Networking](#)

**Career Goal (O\*Net Code):** CIP [11.0101](#) & [11.0901](#) to SOC Crosswalk

(Click below to access education, skills, and employment outlook information)

15-1151.00 <u><a href="#">Computer User Support Specialist</a></u> 🌟	11-3021.00 <u><a href="#">Computer and Information Systems Managers</a></u> 🌟
15-1121.00 <u><a href="#">Computer Systems Analyst</a></u> 🌟	15-1199.09 <u><a href="#">Information Technology and Project Managers</a></u> 🌟
15-1121.01 <u><a href="#">Informatics Nurse Specialists</a></u> 🌟	15-1111.00 <u><a href="#">Computer and Information Research Scientists</a></u>
15-1141.00 <u><a href="#">Database Administrators</a></u> 🌟	15-1142.00 <u><a href="#">Network and Computer Systems Administrators</a></u> 🌟
15-1143.00 <u><a href="#">Computer Network Architects</a></u>	15-1199.01 <u><a href="#">Software Quality Assurance Engineers and Testers</a></u> 🌟
15-1199.03 <u><a href="#">Web Administrators</a></u> 🌟	15-1143.01 <u><a href="#">Telecommunications Engineering Specialists</a></u> 🌟
15-1122.00 <u><a href="#">Information Security Analysts</a></u>	15-1152.00 <u><a href="#">Computer Network Support Specialists</a></u> 🌟

🌟 - Bright Outlook 🌱 - Green

**Relevant Occupational Experience**

(Your Life Experiences may be worth College Credit!):


[CCCS Credit for Prior Learning Guide](#)

[FRCC Credit for Prior Learning](#)

- [FRCC Standards for Awarding](#)
- [Policies and Procedures](#)
- [Transferability](#)

[LMI Gateway Link to Related Occupations](#)

### Possible Pathways to your Career!

	Programs Available 	Program Length (*Based on meeting Program Entrance Requirements)	Estimated Tuition (*Based on Resident Tuition after COF)	Possible Career Options	Salary Range
Certificate Option(s)	<b>Computer Information Systems Certificates:</b>			Computer Network Support Specialist, Computer Programmer, Computer User Support Specialist, Network and Computer Systems Administrator, Web Developer	\$\$ - \$\$\$
	- <u><a href="#">Applications Specialist</a></u> - <u><a href="#">Programming</a></u> - <u><a href="#">Web Developer</a></u>	12 Credits 20 Credits 24 Credits	<u>\$1,498.80</u> <u>\$2,498.00</u> <u>\$2,997.60</u>		
AAS Degree	<b>Computer Networking Certificates:</b>				
	- <u><a href="#">CISCO Network Associate</a></u> - <u><a href="#">Cloud Computing and Virtualization</a></u> - <u><a href="#">Computer Technician: A+</a></u> - <u><a href="#">Computer Technician: Network +</a></u> - <u><a href="#">Cyber Security Specialist</a></u> - <u><a href="#">Microsoft Network Administration</a></u>	10 Credits 12 Credits 8 Credits 6 Credits 13 Credits 14 Credits	<u>\$1,249.00</u> <u>\$1,498.80</u> <u>\$ 999.20</u> <u>\$ 749.40</u> <u>\$1,623.70</u> <u>\$1,748.60</u>		
	<b>AAS Degrees include:</b> <u><a href="#">Programming, Web Developer, Cisco CCNA-Computer Wide Area Networks, Microsoft Network Administration, and Individualized Emphasis</a></u>	60 credits	<u>\$7,494.00</u>		\$\$ - \$\$\$\$
<b>Articulation Opportunities to Advanced Degrees:</b>					
Advanced Degree(s)	<u><a href="#">Associate's to Bachelor's® Program at Regis University College for Professional Studies (CPS)</a></u>		<u><a href="#">Regis Tuition Information</a></u>	For more information about colleges that have these programs go to <u><a href="http://www.CollegeinColorado.org">www.CollegeinColorado.org</a></u>	\$\$-\$\$\$\$
	<u><a href="#">College Tuition Comparison Guide</a></u>				

\* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

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### Extended Learning Experiences

#### Student Services & Support Structures:

- [Academic Advising](#)
- [Academic Support Labs](#)
- [Admissions and Records](#)
- [Bookstores](#)
- [Career Counseling](#)
- [Crisis Counseling & Stress Management Services](#)
- [Disability Services](#)
- [English as a Second Language](#)
- [General Education Development \(GED\)](#)
- [Tutoring](#)
- [Libraries](#)
- [Student Email](#)
- [Student Employment Services](#)
- [Student Life](#)
- [Testing Center Services](#)
- [Veteran Services](#)

#### Financial Aid:

- [FAFSA](#)
- [Grants](#)
- [Work Study](#)
- [Loans](#)
- [Scholarships](#)

#### Professional Affiliations

- [American Society for Information Science and Technology](#)
- [National Association of Programmers](#)
- [IEEE Computer Society](#)
- [Healthcare Information and Management Systems Society](#)

#### Practical Learning Experiences:

- [Internships](#)
- [Career Preparation](#)
- [Service Learning/Volunteering](#)
- [Student Experiences](#)

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**Physical & Sensory Requirements, Computer Information Systems & Computer Networking**

**Key:** N = Never O = Occasional: 1 – 33% of time F = Frequent: 34 – 75% of time C = Constant: 76 – 100% of time

PHYSICAL CAPABILITIES					SENSORY CAPABILITIES														
Activity	Frequency				Activity	Frequency				Activity	Frequency								
	N	O	F	C		N	O	F	C		N	O	F	C					
<b>Lift/Carry</b>					<b>Push/Pull</b>					<b>Walk</b>					<b>Able to see clearly at both near and far distances</b>				
10 lbs or less					15 lbs or less					<b>Sit</b>					<b>Able to identify and distinguish colors</b>				
11-20 lbs					16-30 lbs					<b>Stand</b>					<b>Able to judge distances and spatial relationships</b>				
21-50 lbs					31-50 lbs					<b>Fine motor manipulations</b>					<b>Able to communicate verbally and in writing</b>				
51-100 lbs					51-100 lbs					<b>Gripping</b>					<b>Able to distinguish between sounds such as telephone vs. fire alarms, tone of voice, varied decibels</b>				
100+ lbs										<b>Squat/Kneel</b>					<b>Able to perceive attributes of objects such as size, shape, temperature, texture through touch</b>				
										<b>Bend</b>									
<b>Drive</b>					<b>Computer</b>					<b>Twist/Turn</b>									
<b>Manual</b>					<b>Data Entry</b>					<b>Crawl</b>									
<b>Automatic</b>					<b>Use of mouse</b>					<b>Climb</b>									
										<b>Reach above chest</b>									
										<b>Reach outward</b>									

For more information on the Physical & Sensory Requirements for this Pathway, please contact:

**Disability Support Services**

- [Boulder Campus](#): (303) 678 - 3922
- [Larimer Campus](#): (970) 204 - 8112
- [Westminster Campus & Brighton Center](#): (303) 404 - 5676

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