

**Secondary to Postsecondary Pathway for
Information Support and Services**

Suggested High School Courses

High School	9 th	Core Academic Courses*:	English 9, American Government or Geography, Earth Science, Algebra 1 or Algebra Principles, Physical Education	Suggested Electives: Introduction to Business
		Career Path Courses:	Computer Science, Web Communications/Designs 1	
	10 th	Core Academic Courses*:	English 10, American History, Biology, Geometry or Geometry Principles	Suggested Electives: Business Law
		Career Path Courses:	Web Communications/Designs II, Web Management	
	11 th	Core Academic Courses*:	English 11, Algebra 2 or Algebra 2 for Process Science, World History	Suggested Electives: Marketing
		Career Path Courses:	Introduction Computer Programming, Intermediate Computer Programming	
	12 th	Core Academic Courses*:	English 12, Government/Economics	Suggested Electives: Accounting
		Career Path Courses:	Advanced Computer Programming, AP Computer Programming, Computer Networking	


Secondary to Postsecondary Linkages & Certifications

Postsecondary Credit Options:

CSC 119 Intro to Programming; CIS 240 Database Design and Development; CIS 251 Intro to Structured Query Language; CNG 101 Intro to Networking; CNG 121 Computer Tech I: A+; CNG 122 Computer Tech II A+

Red Rocks Community College Department of High School Relations: For more information on postsecondary course options for high school students and for admission to RRCC, please contact, Ernie Navarette at 303-914-6320 or ernie.navarette@rrcc.edu.

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

		Pathway: Information Technology		Plan of Study: Information Support and Services	
Career Goal (O*Net Code): 15-1152.00 Computer Network Support Specialists 15-1151.00 Computer User Support Specialist 43-9011.00 Computer Operators 43-9061.00 Office Clerks		Relevant Occupational Experience (Your Life Experiences may be worth College Credit!): CCCCS Credit for Prior Learning Guide Contact Christie Burton (christie.burton@rrcc.edu) for inquiries concerning earning college credit for life experience in network systems and Peggy Burrus (peggy.burrus@rrcc.edu) for life experience in Microsoft applications. LMI Gateway Link to Related Occupations			
Possible Pathways to your Career!					
	Programs Available	Program Length (*Based on meeting Program Entrance Requirements)	Estimated Tuition	Career Options	Salary Range
Certificate Option(s)	Computer Support Technician PC Applications Specialist	All certificates are 35 credits in length (3 semesters)	\$4523	Entry positions: Computer Support Tech, IT Specialist, Administrative Assistant, Office Manager	\$ - \$\$
Associate Degree(s)	Computer Support Technician PC Applications Specialist	All degrees are 63-64 credits in length (4 sem)	\$7900	Computer Support Tech, Network Administrator, Computer Support Tech, IT Specialist, Administrative Assistant, Office Manager	\$ - \$\$\$
Articulation Opportunities to Advanced Degrees:					
Advanced Degree	Bachelor's Degrees: Regis: Business Technology Management; Computer Networking CU Boulder: Management & Entrepreneurship—Info Tech UCD: Business Administration--CIS Metro State: Computer Information Systems UNC: Business Administration—CIS CSU: Computer Technology	Associates Degree + 60+ Credits	Regis, UNC, Metro State University; UCD, UC Boulder, CSU	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 Specialist, Data Security Administrator, Information Security Analyst, Computer Security Specialist, Business Administrator	\$ - \$\$\$

	Graduate Degree:	Bachelor's Degree + 30 or more credits	CU Boulder CSU CU Denver	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 Specialist, Data Security Administrator, Information Security Analyst, Computer Security Specialist	\$\$\$\$\$
College Tuition Comparison Guide					

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

Extended Learning Experiences

Support Structures:

Childcare facilities, Counseling Services, Tutoring Services, Academic Advising and Career Counseling
<http://www.rccc.edu/advising/>

Financial Aid:

Federal Student Loans, Pell Grant, RRCC Foundation Grant
<http://www.rccc.edu/finaid/>

Professional Affiliations

Cisco, A+, Net +, MCAD, MCDBA, NCWIT

Practical Learning Experiences:

Paid and Un-paid job shadowing and internships

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

Red Rocks 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: : Bill Dial, Director of HR, Red Rocks Community College, 13300 W. 6th Ave., Lakewood, CO 80228

Career & Technical Education is delivered through the Colorado Community College System www.cccs.edu