



COLORADO COMMUNITY
COLLEGE SYSTEM

Employment Opportunity

Revised Position Announcement

DATE: February 16, 2010

Title of Position: Network Engineer Job #298220

The Colorado Community College System is the state's largest system of higher education, comprising 13 state community colleges, career/technical programs in more than 150 school districts, and program oversight for seven other post secondary institutions. Each college offers a blend of core courses for the university-bound as well as career programs that meet local employers' needs. Our high school programs are designed to increase the number of qualified entry-level and skilled workers for the Colorado economy. Altogether, we serve over 117,000 for-credit students per year. CCCOnline also serves secondary and continuing-ed constituents, increasing the total number of students served. We are a national model for utilizing advanced technology to deliver state-of-the-art academic and career education across the entire secondary through post-secondary continuum.

Job Summary

The Network Engineer shall, under the direction of the Manager Network Technologies or his/her designee, provide leadership and quality service to students, faculty, and staff by providing Technical Services and working with other areas that will enhance and facilitate educational activities at CCCS. The Network Engineer shall represent the Division of Information Technology to the broader system setting and to the community. The Network Engineer shall maintain a commitment to quality service and responsible management of facilities, infrastructure and personnel management.

Duties and Responsibilities

- Configures, manages, monitors and maintains network/system resources.
 - Identifies diagnoses and resolves problems using Cisco Works, SolarWinds and other network troubleshooting – monitoring applications and tools.
 - Develops and maintains Network/System procedures to insure the integrity and usability of the Network/System resources.
- Designs, specifies, orders, plans, schedules and performs Data Network/Telecommunications (LAN/WAN/WLAN) hardware, software installations, configurations, upgrades and modifications to enhance the performance, capacity, integrity, usability and insure upward compatibility of the Network.
- Monitors the performance and use of Networks/Systems resources by analyzing performance metrics and making appropriate modifications to the Network/System parameters to insure network/system integrity and to optimize the network/system performance.
- Configures Network/System hardware and software so that ongoing Internet access is granted.

- Configures Network/System resources so that Incoming Internet Access is allowed to only those resources that we choose to provide access.
- Develops and implement Cisco Routers, Switches, Wireless, VoIP and Firewall configuration files.
 - Designs access lists, dynamic and static routing configurations, Virtual LANS (VLAN) and inter router/switch configuration files to provide security and access control to the data network. Responds to the Colorado Community College System (CCCS) requests from co-workers for assistance in the setup, configuration of a supported Network/System, LAN device configuration and troubleshooting.
- Makes technical recommendations of products and software needed for a new LAN/WAN installation and/or modifications to an existing LAN/WAN.
 - Leads LAN escalation team to assist schools within the CCCS on standardization, support and maintenance of network devices.

Other Duties:

- Responsible for other duties as assigned by supervisor. These duties may include activities related to current position duties as described above, but may also include assignments that require assuming responsibility for tasks outside of the regular job description. This may include short-term or long term project assignments, such as committee memberships, ERP implementation projects, etc. These assignments may be added to the current work load or may be substituted for regular job duties in varying percentage basis.

Applicant Qualifications

Education:

- Bachelor’s degree in a technology-related field.
- Relevant education/experience in the appropriate technical and management areas may substitute year-for-year for the required bachelor’s degree.

Experience:

- Three years of experience with the following:
 - Network Design
 - Project Management
 - Problem Analysis / Troubleshooting
 - LAN
 - WAN
 - Wireless systems
 - Large enterprise switches and routers (primary emphasis on Cisco products.)

Working Conditions:

- Sedentary: Desk work
- Overtime required on short notice.
- Occasional travel is required.

Skills and Abilities

- Excellent Interpersonal, oral communication, and negotiation skills necessary to establish and maintain effective and cooperative relationships with faculty committees, campus and college administrators,

campus departmental stakeholders, permitting agencies, budget and funding authorities, architectural and engineering consultants, contractors, and suppliers.

- Ability to initiate and maintain cooperative relationships with people from diverse backgrounds including college personnel and the public.
- Ability to contribute as a team player and promote a respectful and professional environment.

Salary

Annual salary is commensurate with education and experience.

Excellent benefit package including health, dental, vision, life insurance, and retirement.

Application Process

Submit a current resume, list of three professional references and your three most recent supervisors, copies of your transcripts (unofficial are acceptable as part of the application process – official copies will be required prior to hire) and cover letter addressing the position requirements to:

E-Mail: jobs@cccs.edu

Fax: 303-620-4030

Or mail to:

Executive Director of Human Resources
Colorado Community College System
9101 E. Lowry Blvd.
Denver, CO 80230

A review of applications will begin immediately and continue until the position is filled. Candidates are evaluated based on their qualifications as related to the duties and responsibilities of the position.

Equal Opportunity Employer - *The Colorado Community College System is an equal opportunity employer and does not discriminate on the basis of age, race, religion, color, national origin, sex, or disability in its activities, programs, or employment practices as required by Title VI, Title IX, and Section 504, Age Discrimination Act, and Title II of the ADA. Former employees of the Colorado Community College System or one of its 13 colleges, who were disciplinarily terminated or resigned in lieu of termination, must disclose this within your application materials.*

This position may require irregular hours, including nights and weekends, as well as working more than eight (8) hours per day at certain times.

Candidates must successfully pass a criminal background check prior to hire.