

# **Richmond Community College**

## **Job Description**

### **Position Title: Network Systems Engineer**

**General Description:** The Network Systems Engineer reports directly to the Chief Information Officer. The purpose of the position is to recommend, design, implement, and support college network infrastructure based on the needs of staff and faculty.

### **Duties and Responsibilities of the Position:**

1. Manage Active Directory and network directory structures reflecting organizational needs.
2. Install, maintain, and repair network server, storage, and backup hardware.
3. Manage Microsoft Office 365 environment.
4. Manage Microsoft Hyper-V environment.
5. Perform backup and restore procedures to ensure data integrity.
6. LAN/WAN design, management, and configuration.
7. Install and maintain networking infrastructure. (Cabling, wireless, routers, switches, etc.)
8. Help Desk support for college personnel.
9. Provide training to end users for new and existing college services.
10. Install, repair, relocate, and support end user computers and peripherals.
11. Install, administer, and support network server applications. (Reporting, phone, document imaging, etc.)
12. Install and support Instructional Technology. (SMART Boards, Audio/Video equipment, projectors, etc.)
13. Perform research on and evaluate solutions for college needs.
14. Other duties as assigned.

### **Position Qualifications:**

#### **Knowledge, Skills and Abilities:**

Knowledge of Linux and Windows server management, Cisco networking concepts, Palo Alto Gateway, Sharepoint, Security Camera/DVR management, Microsoft System Center management, Document imaging, and management of IP telephony and unified communication systems. Effective written and oral communication skills, ability to work effectively as a member of a team, self motivated, able to work effectively without direct supervision.

#### **Minimum Education and Experience:**

Associate Degree in an Information Technology related field preferred, CCNA (or better) preferred. MCSA (or better) preferred, Bachelor's Degree in an Information Technology related field or 3+ years equivalent work experience preferred.

**Salary Grade:** RCC Salary Level 9

**Location:** DeWitt CTC Building

# Questionnaire for Compliance with Americans with Disabilities Act

## Interview guide for collecting job analysis information

**Job Title:** Network Systems Engineer

**Division:** Administrative

**Location:** DeWitt

**Supervisor's Title:** Chief Information Officer

**Department:** Professional

**Shift:** 8:00 - 5:00

**1. General Purpose of Job.** Briefly describe the job's primary purpose or contribution to the department or organization.

See job description.

**2. Duties and Responsibilities.** List the job's essential or most important functions and responsibilities. Include all important aspects of the job -- whether performed daily, weekly, monthly, or annually; and any that occur at irregular intervals.

See job description.

**3. Supervisory Responsibilities.** If this job supervises others, give the name of unit(s) or department(s) managed and number of employees supervised. If there are subordinate supervisors, list them also.

None

### 4. Physical Demands:

**4A.** How much on-the-job time is spent in the following physical activities? Show the amount of time by checking the appropriate boxes below.

	Amount of Time			
	None	Up to 1/3	1/3 to 2/3	2/3 and more
Stand	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walk	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Talk or hear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Use hands to finger, handle or feel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Climb or balance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stoop, kneel, crouch or crawl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reach with hands and arms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Taste or smell	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4B.** Does this job require that weight be lifted or force be exerted? If so, how much and how often? Check the appropriate boxes below.

	Amount of Time			
	None	Up to 1/3	1/3 to 2/3	2/3 and more
Up to 10 pounds	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Up to 25 pounds	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Up to 50 pounds	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Up to 100 pounds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
More than 100 pounds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4C.** Does this job have any special vision requirements? Check all that apply.

- ☒ Close vision (clear vision at 20 inches or less)
- ☒ Distance vision (clear vision at 20 feet or more)
- ☒ Color Vision (ability to identify and distinguish colors)
- ☒ Peripheral vision (ability to observe an area that can be seen up and down or to the left and right while eyes are fixed on a given point)
- ☒ Depth perception (three-dimensional vision, ability to judge distances and spatial relationships)
- ☒ Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus)
- ☐ No special vision requirements

**4D.** Make notes on the specific job duties that require the physical demands selected above.

Due to assorted non-technical duties; cable pulls, connector installations, setup and delivery of various pieces of computing equipment and applications troubleshooting, the need for good eyesight, hearing and physical stamina are essential to meeting usual/unusual duties associated with the job.

**5. Work Environment:**

**5A.** How much exposure to the following environmental conditions does this job require? Show the amount of time by checking the appropriate boxes below.

	Amount of Time			
	None	Up to 1/3	1/3 to 2/3	2/3 and more
Wet, humid conditions (non-weather)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work near moving mechanical parts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work in high, precarious places	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fumes or airborne particles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toxic or caustic chemicals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor weather conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Extreme cold (non-weather)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme heat (non-weather)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Risk of electrical shock	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Work with explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Risk of radiation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vibration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**5B.** How much noise is typical for the work environment of this job? Check the appropriate level below.

- ☐ Very quiet (Examples: forest trail, isolation booth for hearing test)
- ☐ Quiet (Examples: library, private office)
- ☒ Moderate Noise (Examples: Business office with typewriters and/or computer printers, light traffic)
- ☐ Loud noise (Examples: metal can manufacturing, department, large earth-moving equipment)
- ☐ Very loud noise (Examples: jack hammer work, front row at rock concert)

**5C.** Make notes on the specific job duties that are affected by the environmental conditions selected above.

The need to climb ladders for accessibility to communications equipment and the going to and from different campus support areas require outside weather exposure. In as much as cabling is under raised flooring and dropped ceiling areas airborne particles and other electrical exposures exist.

**6. Comments.** Include any other information that will aid in the preparation of an accurate description of this job.

**7. Questionnaire prepared by:**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

Basis for knowledge of job: ☐ hold job now; ☒ supervise job; ☐ other (explain)

## **Exposure Determination for Bloodborne Pathogens**

All position descriptions, including administrative and support personnel, whether paid or volunteer, must be evaluated by the appropriate department chairman/head and a Risk of Exposure to Bloodborne Pathogens Classification I or II be assigned to the position as it applies to each employee's work location. In situations where jobs of the same title entail substantially different categories of risk based on the department to which assigned, job titles will be modified to include the unit name thereby creating a newer, more specific description for that position.

For jobs which fall into Classification II, a list of tasks or procedures which present an occupational exposure to those employees should be prepared and appended to the job description. Assignment of personnel to a new department in the same basic job may necessitate a formal change of job title to ensure that they will receive training according to that job's risk classification. This must be reviewed on an annual basis by department managers for all job titles which they supervise or manage.

### **\_\_\_\_\_ CLASSIFICATION I**

This includes jobs in which required tasks routinely involve a potential for mucous membrane or skin contact with blood, body fluids, tissues or potential spills or splashes. Use of appropriate measures is required for every employee performing these tasks.

### **\_\_\_\_\_ CLASSIFICATION II**

This includes jobs in which required tasks normally do not involve exposure to blood, body fluids or tissues, but may require performing unplanned Classification I tasks. In these jobs the normal work performance involves no exposure to blood, body fluids or tissues. However, exposure or potential exposure may be required as a condition of employment or class performance.

### **\_\_\_\_\_ PERSONNEL NOT COVERED BY THE STANDARD**

This includes jobs in which required tasks involve no greater exposure to blood, body fluids, or tissues that would be encountered by a visitor. The normal work/class performance involves no exposure to blood, body fluids, or tissues that would be encountered by a visitor. The normal work/class performance involves no exposure to blood, body fluids, or tissues and the employee can decline to perform tasks which involve a perceived risk without retribution.

NOTE: All employees who do not fit into Classification I or II will fall into a third category not covered by the Standard.