



COMMUNITY COLLEGE  
OF RHODE ISLAND

Office of Human Resources

**POSITION DESCRIPTION**

**TITLE:** Network Technician II

**DEPARTMENT:** Information Technology  
Initially located on the Knight Campus, Warwick, RI

**REPORTS TO:** Manager, Network Planning & Services

**GRADE:** CCRIPSA 10

**WORK SCHEDULE:** Non Standard, 35 hours per week

**SUPERVISES:** May supervise student employees

**BASIC FUNCTION:** Under limited supervision, is responsible for assisting with the maintenance, planning, and installation of communications networks and services across all campuses.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

As required, perform duties of a Network Technician I.

Install, test, service, and repair end equipment including but not limited to personal computers, network interface cards and associated software, printers, modems, fax devices, etc.

Install and maintain network devices such as routers, switches, firewalls, wireless LANs, IDS/IDP appliances, etc.

Configure and maintain network management/monitoring/authentication systems to assist in network planning and auditing.

Configure and maintain network security detection and prevention software, such as IP Audit, Cisco Works, Snort, WEP, PEAP etc.

Install, test, maintain twisted pair, fiber optic and coax data/voice/video cabling systems using the Fluke test equipment.

Configure and maintain network security detection and prevention software including but not limited to IP Audit, Cisco Prime, Cisco ACS, Fireeye, Exinda, etc.

Provide consultation and installation assistance to end users and departments and provide cost and labor estimates for campus and wide area network projects.

**Knight Campus**

400 East Avenue, Warwick, RI 02886-1807 P: 401.825.2311 F: 401.825.2345

Determine and manage an inventory of electronic supplies for construction, repair and test work.

Set-up, test, calibrate and maintain test equipment.

Test new technologies including but not limited to 802.11ac, Voice IP, DWDM, etc.

Train and supervise student and bi-weekly employees as assigned.

#### **OTHER DUTIES AND RESPONSIBILITIES:**

As part of training, may be asked to perform other functions normally assigned to a Network Technician III although to a lesser degree.

#### **LICENSES, TOOLS AND EQUIPMENT**

Driver's license required. Must have access to and use of own transportation.

Must be proficient in the use of telecommunications systems and office systems such as word processing, spreadsheets, etc. Must be proficient with network/cable testing tools including but not limited to Fluke, Etherscope II, Linkrunner II, Aicheck, DTX-1800.

#### **ENVIRONMENTAL CONDITIONS:**

This position is not substantially exposed to adverse environmental conditions although will, at times, be required to perform work in manholes, attics, observation decks, rooftops, and other potentially adverse locations.

This position requires 24-hour call back in cases of emergency and supervisory presence, when required, on all shifts.

#### **QUALIFICATIONS:**

A minimum of an Associate's degree in a technology related field or Cisco CCNA certificate in data networking is preferred.

A minimum of three years networking experience in a large scale multi-vendor higher education computing environment is required.

A minimum of three years experience with the Linux, MS Windows (XP, Vista, 7), MS Server (2003-2010), and Cisco IOS operating systems is preferred.

Demonstrated experience in the configuration, installation and maintenance of Ethernet routers, switches, firewalls, 802.11a, b, g and n wireless LANs, security appliances, IDS/IPS appliances, network interface cards, 10G switches and other network hardware is required.

Experience required in the installation, configuration and usage of the following network monitoring/management/authentication software including but not limited to: IP Audit, Cisco Prime, Snort, CACTI, Cisco ACS, virtual private networks, network access controls, and network vulnerability assessment tools.

Required experience with network security techniques/protocols/software with specific emphasis on Cisco firewall IOS, NAT, AES, PEAP, VPN's, 802.1x, TKIP, IPSEC, SSL, and certificate authorities.

Required experience with the installation and testing of twisted pair and fiber optic data/voice cabling systems.

Must have experience with PC communications software, Internet software (e-mail, WWW, FTP, TFTP, etc.) and common desktop application packages such as Excel, Word, PowerPoint etc.

Must be able to communicate effectively verbally and in writing, must be reachable by telephone to respond to emergencies, and must have the capability to travel to support all CCRI locations throughout Rhode Island.

Must have sufficient experience working independently on most tasks, requiring only general direction.

***CCRI is an Equal Opportunity / Diversity Employer.***

*All requirements are subject to possible modification to reasonably accommodate individuals with disabilities. Some requirements may exclude individuals who pose a direct threat or significant risk to the health and safety of themselves or other employees.*

*This job description in no way states or implies that these are the only duties to be performed by the employee occupying the position. Employees will be required to perform any other job-related duties requested by their supervisor.*