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# Example of Networking Engineer Job Description

Our company is searching for experienced candidates for the position of networking engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for networking engineer

* Configure, install, maintain, and repair network electronics and their associated peripheral components including switches, routers, and fiber-based network components
* Oversee the installation, maintenance, and ongoing development of the copper and fiber optic wiring infrastructure for the internal and/or external networks of the campus
* Implement standardized policies and procedures relating to purchase, installation, and repair of network related electronics
* Provide input into and assist with the planning, design, and installation of campus-wide network and telecommunications systems
* Manage the delivery and support of wireless network (WiFi) services across the campus, including component installation, configuration, troubleshooting, and repair
* Configure and support Voice Over IP (VoIP) applications/hardware digital and analog telephone equipment, while working with network and telecommunication vendors (equipment and service providers) to provide support for campus communications infrastructure
* Monitor, maintain, and troubleshoot critical components of the College network to provide network access with limited interruption
* Provide technical expertise to other College IT staff to assist in solving technical network issues
* Configure, install, maintain, and repair UPS infrastructure for network/telecommunications electronics
* Manage College cellular service

## Qualifications for networking engineer

* Perl, shell and other scripting languages
* SQL queries, data modelling and database architectures
* Familiarity/experience with unit, functional and regression testing
* Knowledge of load/performance testing real-time multi-tier architectures
* Load balancing, Routing, switching, VLAN, firewall
* Common protocols (such as TCP/IP, NAT, DHCP,DNS )