 **Network Engineer III Standard Job Description**

**Classification Title:** Network Engineer III

**FLSA Exemption Status:** Exempt

**Pay Grade:** 71

**Job Description Summary:**

The Network Engineer III, under direction, serves as technical lead for network engineering projects or services.

**Essential Duties and Tasks:**

**30% Project Coordination and Management**

* Coordinates technical activities of project teams.
* Collaborates with project leaders to develop work plans, schedules, and resource requirements.
* Attends and contributes to weekly project meetings.
* Provides technical oversight for network upgrades and new deployments.
* Facilitates input from clients, vendors, and stakeholders for complex networking projects.

**25% Reporting, Documentation, and Technical Direction**

* Completes and evaluates reports for management and users (status, problem, progress, utilization).
* Develops and approves plans for new technology deployments and system integration.
* Sets technical direction as a senior member of the information resource team.
* Oversees documentation of network designs, changes, and engineering processes.
* Creates and maintains Standard Operating Procedures (SOPs) and network maps.

**15% Network Design and Security Oversight**

* Designs and implements complex network projects, reviewing design plans and construction blueprints.
* Manages network security, including monitoring, applying updates, and responding to alerts.
* Coordinates with vendors on technology evaluations, demos, and product implementations.
* Ensures network changes adhere to established protocols and design standards.

**10% Testing, Certification, and Troubleshooting**

* Coordinates testing and certification processes for complex network installations.
* Sets up lab environments for pre-production testing of network plans.
* Troubleshoots and resolves complex enterprise data communication network problems.
* Uses automation tools to streamline routine network management tasks.

**20% Duty Title (for the department's use)**

* Remaining Percentage Can Be Determined by Department to Meet Business Needs or Can Be Incorporated into Percentages Above.

**Required Education and Experience:**

* Bachelor’s degree or equivalent combination of education and experience.
* Five years of networking design experience.

**Required Licenses and Certifications:**

* None

**Required Knowledge, Skills, and Abilities:**

* Knowledge of word processing and spreadsheet applications.
* Knowledge of advanced Information Technology (IT) and the Interface Technology Library (ITIL).
* Ability to perform intermediate troubleshooting and maintain client relations.
* Ability to multitask and work cooperatively with others.
* Excellent written communication, analytical, interpersonal, and organizational skills.
* Knowledge of project management, mentoring, negotiation skills, basic vendor relations, advanced client relations skills, proposal writing, business acumen, persuasive communication, adaptability to change, team leadership skills, and quality assurance methodologies.

**Machines and Equipment:**

* Computer: 30 hours.
* Telephone: 5 hours.

**Physical Requirements:**

* None

**Other Requirements and Factors:**

* This role may require working outside of standard office hours, including evenings, weekends, and holidays, to support the demands of technology services and ensure the seamless operation of essential systems.
* This position is security sensitive.
* This position requires compliance with state and federal laws/codes and Texas A&M University System/TAMU policies, regulations, rules and procedures.
* All tasks and job responsibilities must be performed safely without injury to self or others in compliance with System and University safety requirements.

**Is this role ORP Eligible? If so, it needs to meet the criteria on the** [**Rules and Regulations of the Texas Higher Education Coordinating Board**](https://reportcenter.highered.texas.gov/reports/data/user-friendly-version-of-ch-25/)**.**

**Yes**

**No**

**Does this classification have the ability to work from an alternative work location?**

**Yes**

**No**