 **Network Engineer IV Standard Job Description**

**Classification Title:** Network Engineer IV

**FLSA Exemption Status:** Exempt

**Pay Grade:** 72

**Job Description Summary:**

The Network Engineer IV, under direction, provides technical leadership and oversight for deployment and delivery of enterprise-wide network engineering projects or services. Participates in mentoring, training, and development of other employees.

**Essential Duties and Tasks:**

**35% Network Design and Standards Oversight**

* Oversees design activities for enterprise-level network projects.
* Approves network design plans ensuring alignment with enterprise standards.
* Establishes standards for the development of plans for new networks or upgrades.
* Collaborates with project leaders and executive staff to develop work plans and schedules for projects.
* Ensures specifications and plans for enterprise-wide networks meet requirements from clients, systems administrators, contractors, and vendors.

**20% Process and Protocol Establishment**

* Approves and tests methods and plans used to certify complex networking projects according to required installation design standards.
* Establishes protocols and processes for problem management and support.
* Continuously monitors the effectiveness of established processes and protocols.
* Establishes standards and processes for documenting network engineering designs, plans, methods, procedures, problems, and repairs.

**15% Technology and Security Oversight**

* Establishes enterprise-level standards for technology deployments and system integration testing.
* Oversees processes for evaluating new technologies and makes technical recommendations to executive leadership.
* Collaborates with the network security team to establish procedures for compliance with enterprise and state network security regulations.

**10% Leadership and Development**

* Participates in mentoring, training, and development of other employees.
* Consults with and assists computing personnel, vendors, and manufacturers’ representatives in resolving complex procedural, operational, and technical problems.
* Serves as a chair or senior member of an information resource team responsible for setting the enterprise’s technical standards and direction.
* Performs duties equivalent to a Network Engineer III as needed.

**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:**

* Bachelor’s degree or equivalent combination of education and experience.

**Required Experience:**

* Eight 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 IT architecture, application of systems theory, advanced negotiation skills, enterprise-level operations, multi-team leadership and coordination, advanced project management, advanced vendor relations, advanced business acumen, and change management

**Machines and Equipment:**

* Computer
* Telephone

**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**