 **Information Technology Network Architect Standard Job Description**

**Classification Title:** Information Technology Network Architect

**FLSA Exemption Status:** Exempt

**Pay Grade:** Commensurate

**Job Description Summary:**

The Information Technology (IT) Network Architect, under direction, manages enterprise network architecture, design, integration, configuration, and implementation of computer networks, local area networks, wide area networks, internet, intranet, cloud, convergence, and other data communication systems.

**Essential Duties and Tasks:**

**40% Technology Research and Implementation**

* Reviews emerging network technologies, tools, products, and services.
* Conducts research, development, and business assessment of new network products and market trends.
* Implements network framework by defining principles, best practices, and standards.
* Works with vendors to implement labs for new networking technologies and prepares documentation of results and recommendations.

**20% Project Planning and Cost Analysis**

* Develops cost analysis models and vendor comparisons for large-scale projects.
* Measures feasibility of various networking approaches to ensure efficient operations.
* Meets with IT stakeholders to gather business requirements and assess their implications on networking solutions.

**10% Application Infrastructure and Security**

* Participates in creating necessary application infrastructures for IT solutions.
* Participates in ensuring that applications are appropriately secured.
* Identifies technology solutions to improve operational capabilities.

**10% Professional Development and Training**

* Participates in training and professional development focused on leadership development and project management.
* Engages in industry and technology-related learning to enhance expertise.

**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 any equivalent combination of training and experience.
* Ten years of related experience in network engineering, routing and switching, wireless projects, network protocols, encryption, topologies, overall system integration/convergence, and/or video and data convergence, integrating systems in multi-user, multiplatform, and multitasking operating system environments.

**Required Licenses and Certifications:**

* None

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

* Ability to multitask and work cooperatively others.

**Machines and Equipment:**

* Computer: 30 hours
* Phone: 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.

**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**

[x]  **No**

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

[ ]  **Yes**

[x]  **No**