 **Information Technology Enterprise Architect Standard Job Description**

**Classification Title:** Information Technology Enterprise Architect

**FLSA Exemption Status:** Exempt

**Pay Grade:** Commensurate

**Job Description Summary:**

The IT Enterprise Architect, under general direction, is responsible for designing and implementing information systems that will adequately support the enterprise infrastructure.

**Essential Duties and Tasks:**

**50% Architect / Design of Systems and Services**

* Works on the highest degree of complex and complicated infrastructure architecture projects.
* Works on advanced, complex technical projects or business issues requiring state of the art technical or industry knowledge.
* May work autonomously or as a contributing member of a solutions team.
* Explores and develops new methodologies for computing, storage, automation, security, and integration.
* Analyzes system requirements and defines system architecture that will meet business needs, including server infrastructure, capacity planning, storage requirements, and networking protocols.
* Ensures that architecture projects incorporate and meet industry security standards and are effectively integrated with current systems and applications and are compatible with the business needs of the organization.
* Defines and communicates project goals.

**15% Leadership and Collaboration**

* Establishes and articulates a plan of continuity of highly detailed, researched and implement-ready enterprise IT solutions across all facets of the organization that considers resource constraints, risk and environmental concerns.
* Collaborates with System IT leadership to plan, implement, and operate the necessary and appropriate network, hardware, and cloud infrastructure for IT solutions.
* Collaborates with IT and university leadership to develop and implement disaster recovery and business continuity plans.
* Coordinates project resources in conjunction with resource holders and other project managers.
* Provides input on designated budgets and tracks timelines, budgets, and deliverables.
* Directly participates in the execution of any business continuity plan as a subject matter expert.
* Works closely with software, system and network engineers, developers, administrators, and other IT professionals to choose compatible design solutions.
* Performs supervisory duties of other technical staff members.

**15% Evaluation and Improvement**

* Researches and regularly presents on new methodologies for computing, storage, automation, security, and integration while demonstrating a practical expertise in the topical domain.
* Evaluates existing systems and provides advice on how to meet current and future organizational requirements.

**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.

**Qualifications**

**Required Education:**

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

**Required Experience:**

* Ten years of related experience in designing and implementing information systems.

**Required Licenses and Certifications:**

* None

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

* Ability to multitask and work cooperatively with others.
* Proficient in network architecture and design, network security, and network monitoring.
* Skills in strategic thinking, research, and planning, including creativity/innovation, design theory, advanced systems theory, risk management, disaster recovery & business continuity, solutions integration, strategic resource leveraging, strategic partnering, conflict management, and advanced change management.
* Strategic technical skills including developing discipline-specific expertise in others, enterprise-level policies, and advanced technology research and design skills.
* Industry related skills including in-depth knowledge of global IT industry trends, advanced knowledge of IT security regulations, and advanced knowledge of current and emerging IT industry issues and trends.
* Strong interpersonal skills.

**Additional Information**

**Machines and Equipment:**

* Computer
* Phone

**Physical Requirements:**

* None

**Other Requirements and Factors:**

* May be required to work extended hours to deploy or migrate to new services.
* Will need to travel occasionally to conferences and meetings throughout the US to speak about IT architecture and design topics.
* May need to work on-call to support on-call support teams that need sophisticated escalation help.
* 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**

[x]  **No**

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

[ ]  **Yes**

[x]  **No**