***This old UMB job description was created between 2000 and 2014 and is being provided as a template or guide in the preparation of a current job description. The essential functions are general in nature and may not accurately depict the duties of a specific unit. Managers are encourage to update and provide specific duties that are applicable to work being performed in the unit.***

Job Title: **IT Systems Administrator, UNIX Senior**

Job Family: Information Technology

Sub Family: IT- Systems Admin - UNIX

**Job Summary:**

Working independently or overseeing a team, the senior UNIX position has a lead role in the installation, support, and maintenance of servers (virtual and physical), storage systems, or operating systems. Participates in the planning of scheduled maintenance and resolution of service outages and infrastructure problems. Responsible for the configuration and deployment of server infrastructure for enterprise projects. Using the latest technologies in high-throughput and high-performance computers and enterprise class storage systems develops computational infrastructures.

**Essential Functions:**

* Oversee and performs operating systems installation, hardware deployment, maintenance, patching and upgrades. In addition perform system administration duties as adding/deleting users, setting up/changing workstations/servers, backing up and recovery of data, data archiving, patching, security, and installing/restoring data.
* Create operating system policies that would ensure security and integrity or lead to increased efficiency for users, applications, operating systems management, best practices, etc. Assist in the evaluation and acquisition of new technologies and products.
* Perform reviews of system monitoring and logging abnormalities. Participate in the investigation and resolution of any system related deficiencies.
* Provide technical support for servers and resolves operating system and hardware issues for all servers utilized by the staff, including the upgrading of operating systems to support new applications.
* Make recommendations for upgrades to hardware and software based on existing operations, pending needs and available budget. Advise on new infrastructure needs based on application and project needs.
* Responsible for interfacing with other campus technologists and department team members to ensure integration of systems and applications are succinct. Frequently has team leadership responsibilities and provides training to other IT professionals.
* Perform other related duties as assigned.

**Minimum Qualifications**

Education: Bachelors in Information Technology, Computer Science, Systems Administration, Computer Engineering or a related field.

Experience: Five (5) years experience with proficient knowledge of at least one (1) operating system, such as: such as: Red Hat/Centos, Solaris, AIX, HPUX. Preferably RHEL/Centos or Solaris.

Supervisory:

Licensure/Certification:

Other: No subsitution of experience for minimum education requirement.

**Knowledge, Skills, and Abilities**

*Managers may provide prefered knowledge, skills, and abilities as necessary.*

Job Code: E0792G

SOC Code: 151121 IPEDS: Computer

EEO6 Code: Professional State Code: 9749505

USM eCode: E40075 AAP Code: 3A