***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**

Job Family: Information Technology

Sub Family: IT- Systems Admin - UNIX

**Job Summary:**

Working both independently and on a team, the UNIX Systems Administrator has a role in the installation, support, and maintenance of servers (virtual and physical), storage systems, and operating systems. Assist in the planning of scheduled maintenance and resolution of services outages and infrastructure problems. Assist with the configuration and programming for systems-related projects. Assist in the development of computational infrastructure built using the latest technologies in high-throughput and high-performance computers and enterprise class storage systems.

**Essential Functions:**

* Perform operating systems administration, development, installation, maintenance, and upgrades. Tasks include adding/deleting users, setting up/changing workstations/servers, backing up and recovery of data, data archiving, patching, security, and installing/restoring data.
* Document day-to-day operations procedures and protocols associated with hardware and operation system environments, as well as reviews system monitoring and logging of abnormalities.
* Ensure security and integrity of operating system to increased efficiency for users, applications, operating systems management, etc. Assist in the evaluation of new technologies and products.
* Provide technical support for server and resolves operating system and hardware issues for servers utilized by the staff, including upgrading of operating systems to support new applications.
* Assist in hardware upgrades, migrations and infrastructure related tasks for application installation and/or upgrades.
* Perform other related duties as assigned.

**Minimum Qualifications**

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

Experience: One (1) year of related 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: E0792F

SOC Code: 151121 IPEDS: Computer

EEO6 Code: Professional State Code: 9749505

USM eCode: E40075 AAP Code: 3A