***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 Database Engineer**

Job Family: Information Technology Sub Family: IT - Database

**Job Summary:**

Design, develop, and administer database applications, and administer and maintain database integrity.

**Essential Functions:**

* Design database systems and programs which include access methods, access time, file structures, device allocation, validation checks, statistical methods, and security.
* Monitor, analyze, and verify data to ensure data integrity.
* Develop database structures to support specific applications.
* Analyze data requirements.
* Develop and document data models.
* Develop policies and procedure for, and assist in data transfers or sharing of files with remote resources.
* Conduct file maintenance and maintain the data dictionary.
* Performs other duties as assigned.

**Minimum Qualifications**

Education: Bachelors in information technology and computer science or related field

Experience: Four (4) years of experience in development, implementation and maintenance of database systems across multiple platforms.

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: E0707F

SOC Code: 151141 IPEDS: Computer

EEO6 Code: Professional State Code: 9749506

USM eCode: E40074 AAP Code: 3A