***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: **Information Technology Application Integration Engineer**

Job Family: Information Technology

Sub Family: IT- Systems Infrastructure

**Job Summary:**

Responsible for developing and coordinating integrated software programs and application solutions aimed at modernizing and consolidating independently designed applications across Business Units. Determines how existing applications, legacy systems, databases, web interfaces and/or hardware logic, which may be on multiple platforms, work together to optimize system requirements and performance. Leads projects relating to business information systems, hardware, software, or other specific components.

**Essential Functions:**

* Plans, executes, and manages the integration of new applications into existing systems and software throughout the Business Units.
* Interfaces with end users to gather business requirements to ensure successful and seamless integration.
* Manages projects that span a broad range of systems; may integrate local system with complex enterprise-wide components.
* Enhances or improve business processes via integration and minimize the impact of integration on affected business units.
* Reviews integration results by evaluating reports and data to make recommendations and enhancements to future integrations.
* Consults with management to determine information requirements of various departments and activities to determine boundaries and priorities of new projects, and to discuss system capacity and equipment acquisitions.
* Reviews reports of computer and peripheral equipment production, and maintenance to ascertain costs, operating changes and assess integration needs.
* Participates in component and data architecture design, software product evaluation and buy vs. build recommendation.
* Performs other duties as assigned.

**Minimum Qualifications**

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

Experience: Five (5) years programming/systems analysis experience with emphasis in applications and systems architectural design and development, database and middleware technologies

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: E0746G

SOC Code: 151132 IPEDS: Computer

EEO6 Code: Professional State Code: 9749504

USM eCode: E40076 AAP Code: 3A