***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 Systems Engineer**

Job Family: Information Technology Sub Family: IT - General

**Job Summary:**

Design, develop and implement IT application solutions that meet campus business requirements while providing optimal performance and ensuring integration with related systems.

**Essential Functions:**

* Work with users and other IT staff to determine and develop specific information systems requirements and processes.
* Evaluate specifications and requirements against available solutions.
* Analyze, design, develop, and implement fully integrated systems which may include applications, databases, networks, and related systems.
* Ensure system integrity and efficiency.
* Recommend modifications for third party software products and act as a liaison to software vendors to meet user needs.
* Performs other duties as assigned.

**Minimum Qualifications**

Education: Bachelors appropriate education, experience, and/or training in programming.

Experience: Four (4) years of experience in Computer Services

Supervisory:

Licensure/Certification:

Other: May consider a combination of directly related experience and education.

**Knowledge, Skills, and Abilities**

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

Job Code: E0718E

SOC Code: 151132 IPEDS: Computer

EEO6 Code: Professional State Code: 9749502

USM eCode: E40076 AAP Code: 3A