Definition of Class
This is a professional position in which the incumbent works across multiple functional areas and system environments to architect technical solutions. Incumbent serves as the overall technical lead for major projects and partners with campus constituents to communicate needs, articulate requirements and drive technical solutions to successful completion.

Examples of Work Performed
Meets with functional users to understand technical needs.
Explores technical options and determines the viability of various technical approaches.
Drafts system requirement documents and project plans to include, timelines, resource requirements that describe proposed solutions. Creates story boards showing application flow.
Develops software applications to carry out project design and implements technical solutions involving SAP, Java, Data Warehousing, ID Management, etc.
Develops prototypes and tests concepts to validate designs.
Tests new technologies with simplified interfaces and verifies systems performance prior to full implementation to resolve start up issues.
Supervises project execution. Conducts checkpoint meetings and implements quality control measures.
Implements system interfaces according to XSD/SOAP requirements.
Sets up database schemas, infocubes, data extracts, etc.
Programs using appropriate languages or tools (ABAP, Java Perl) necessary to implement the design.
Researches and keeps current with new technical developments by reading professional journals, participating in classes and workshops, and using online resources such as the SAP Developer Network.
Provides technical direction and training for project team members.
Develops documentation for and conducts short courses and workshops.
May be required to teach an undergraduate and/or graduate college course in Computer Science, MIS, or related subject.
Performs related or similar duties as required or assigned.
**Essential Functions**
These essential functions include, but are not limited to, the following. Additional essential functions may be identified and included by the hiring Department.

1. Serves as overall technical lead to provide architect technical solutions across multiple functional areas and system environments.
2. Partners with campus constituents to communicate needs, articulate requirements and drive technical solutions to successful completion.

**Minimum Qualifications**
These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to the University of Mississippi's Department of Human Resources in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

**Physical Requirements:** These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements.

**Physical Exertion:** The incumbent may be required to lift up to approximately 25 pounds.

**Vision:** Requirements of this job include close vision and color vision.

**Speaking/Hearing:** Ability to give and receive information through speaking and listening.

**Motor Coordination:** While performing the duties of this job, the incumbent is frequently required to sit; and to use hands to finger, handle or feel objects, tools, or controls. The incumbent is occasionally required to stand or walk; and to reach with hands and arms; and to stoop, kneel, crouch or crawl; and to climb or balance.

**Experience/Educational Requirements:**

**Education:**
Masters degree in Computer Science, MIS or a related field from an accredited college or university.

**AND**

**Experience:**
Four (4) years experience related to the above described duties.

**Substitution Statement:**
Related experience may be substituted for education, on a basis set forth and approved by the Department of Human Resources.
Interview Requirements
Any candidate who is called for an interview must notify the Department of Human Resources in writing of any reasonable accommodation needed prior to the date of the interview.

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The University of Mississippi is an EOE/AA/Minorities/Females/Vet/Disability/Sexual Orientation/Gender Identity/Title VI/Title VII/Title IX/504/ADA/ADEA employer. The University complies with all applicable laws regarding equal opportunity and affirmative action and does not unlawfully discriminate against any employee or applicant for employment based upon race, color, gender, sex, sexual orientation, gender identity or expression, religion, national origin, age, disability, veteran status, or genetic information. The University of Mississippi is an “at will” employer. This job description does not constitute an employment contract or negate “at will” employment.