BAKER COLLEGE
STUDENT LEARNING OUTCOMES

CIS4990A Senior Project
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

1. Identify the theoretical concepts needed to develop a solution for an information systems opportunity.
    a. Identify alternative concepts that apply to developing a solution.
    b. Apply theoretical concepts needed in the development of an information systems project.
2. Propose the implementation techniques required for successful completion of an information systems project.
    a. Assess the characteristics of a successful information systems plan for an organization.
    b. Utilize the architecture of information systems to address a challenge within an organization.
    c. Apply an information systems implementation process to the project.
3. Develop steps in the process to implement an information systems project for an organization.
    a. Utilize appropriate information system development tools and methodologies to ensure the quality of the project.
    b. Discuss the issues of quality assurance surrounding information systems solutions.
    c. Discuss the issues of security within the context of information systems.

Big Ideas and Essential Questions

Big Ideas
- Demonstrate mastery of information systems
    - Mastery of theoretical concepts
    - Mastery of techniques of implementation
- Understanding existing complex information systems
- Design an architecture of information systems

Essential Questions
1. How does building an information system from concepts to delivery really occur?
2. What are the essential aspects of information systems?

3. What role do theoretical concepts play in the design and implementation of information systems?

These SLOs are not approved for experiential credit.

Effective: Fall 2020