BAKER COLLEGE
STUDENT LEARNING OUTCOMES

MIS 6110 System Analysis and Design
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

1. Describe what constitutes a system, including the essential system elements and roles/viewpoints of the various primary actors in a system design project.
2. Describe and contrast the information requirements for different kinds of systems; apply various methods to obtain those requirements.
3. Explain the System Development Life Cycle (SDLC); describe and evaluate several alternative system development methodologies.
4. Apply the various diagrammatic tools for system design including data flow diagrams (DFD), entity relationship diagrams (ERD), and others.
5. Compare the different approaches for analyzing systems including requirements analysis, functional analysis, workflow analysis, and object oriented analysis.

These SLOs are not approved for experiential credit.

Effective: Summer 2018