



# BAKER COLLEGE

## STUDENT LEARNING OUTCOMES

MIS6110 System Analysis and Design  
3 Semester Hours

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### **Student Learning Outcomes and 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.
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These SLOs are not approved for experiential credit.

**Effective: Summer 2018**