



## SYSTEMS ANALYSIS AND DESIGN — ISTC 1230

### A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course provides coverage of systems analysis and design theories and techniques. Both the traditional, structured approach and the object-oriented approach to systems development will be explored. Students will learn the theory of analysis, design and implementation following the guidelines of the Systems Development Life Cycle. Students will demonstrate system modeling with UML. Prerequisite: Introduction to Programming ISTC1300 or equivalent programming experience.

### B. Course Effective Dates: 8/20/07 – Present

### C. Outline of Major Content Areas

As noted on course syllabus

### D. Learning Outcomes

As noted on course syllabus

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

### F. Learner Outcomes Assessment

As noted on course syllabus

### G. Special Information

None noted

