

# Bemidji State University

## CRJS 2200: Systems Dynamics

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

The central concept to systems dynamics is the need to understand how all the parts of a system interact with one another. In this context, organizations can be seen as complex and chaotic systems. The various parts and people in an organizational system interact through "feedback" loops, where a change in one over time affects others, which in turn affects the original, etc. System approaches and theory try to understand the basic structure of the system and therefore the behavior it can produce. This course provides instruction in systems dynamics, its applications, and the computer modeling of systems through the use of Stella software. Prerequisite: CRJS 1120; Prerequisite or Corequisite: CRJS 3202.

**B. COURSE EFFECTIVE DATES:** 05/18/2001 - 08/21/2016

### C. OUTLINE OF MAJOR CONTENT AREAS

None

### D. LEARNING OUTCOMES (General)

None

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted