

# Minnesota State University Moorhead

## AST 380: Celestial Mechanics

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Principles of celestial mechanics, central force motion, two body problem, n-body problem, prediction and determination of orbits, perturbations.

**B. COURSE EFFECTIVE DATES:** 04/05/2005 - 06/01/2015

### 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