

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