

# Minnesota State University Moorhead

## AST 362: Galactic and Extragalactic Astrophysics

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

The application of physics to observations of our Milky Way galaxy and other galaxies and interpreting their formation and evolution. The course reviews the structure, composition, kinematics, and evolution of the Milky Way, other spiral galaxies, elliptical galaxies, and the large scale structure. We also review active galactic nuclei in light of galaxy evolution.

**B. COURSE EFFECTIVE DATES:** 10/07/2013 - 05/18/2021

### 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