

Minnesota State University Moorhead

AST 361: Stellar 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 stars and interpreting their formation and evolution. The course reviews the theory of radiative transfer within stars, stellar atmospheres and the formation of the stellar spectra we can observe, stellar structure, and stellar evolution.

B. COURSE EFFECTIVE DATES: 03/04/2013 - 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