

# Minnesota State University Moorhead

## PHYS 188: Introduction to 20th Century Physics

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 1

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Introduction to physics topics in 20th century physics: thermodynamics, physical optics, and overview of atomic, molecular, and particle physics. A weekly hour-long laboratory period is included in regular class hours. Students must have completed MATH 142 or precalculus with trigonometry and be registered concurrently in MATH 229 or MATH 261.

**B. COURSE EFFECTIVE DATES:** 01/10/2011 - 03/03/2013

### 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