

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