

Minnesota State University Moorhead

PHYS 302: Sustainable Energy-Science and Application

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course provides an overview of the science involved in renewable energy and the application of that science. The student will gain an understanding of the science involved in energy production, energy storage, and energy conservation. They will complete a group project in developing their own design in one of the sustainable technologies. This course does not count as an elective for the B.S. degree in Physics. Student must have completed MATH 127 or other College Algebra or higher course.

B. COURSE EFFECTIVE DATES: 08/22/2011 - 05/15/2020

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