

# Bemidji State University

## PHYS 4660: Solid State Physics

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Fundamentals of condensed matter physics, emphasizing crystalline solids. Includes transport mechanisms, band theory, semiconductors, lasers. Prerequisites: PHYS 2102, MATH 2472, and PHYS 3600. PHYS 4610 is strongly recommended. Might not be offered every year.

**B. COURSE EFFECTIVE DATES:** 08/25/1997 - Present

### 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