Bemidji State University

**PHYS 4580: Optics**

**A. COURSE DESCRIPTION**

Credits: 4

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Geometrical and Physical Optics, including Fraunhofer and Fresnel diffraction, coherence, and holography. Fourier analysis is employed as needed. Lecture and laboratory. Prerequisites: PHYS 2102, and MATH 2490 or PHYS 3400. (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