Bemidji State University

PHYS 4400: Mathematical Physics II

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: 0
   Lab Hours/Week: 0
   OJT Hours/Week: *
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   Advanced topics in mathematical physics, including vector and tensor analysis, calculus of variations, Sturm-Liouville theory of orthogonal functions, complex residues, and Green functions. Prerequisite: PHYS 2102, PHYS 3400.

B. COURSE EFFECTIVE DATES: 01/12/2020 - 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