**PHYS 4610: Quantum Mechanics**

**A. COURSE DESCRIPTION**

Credits: 3
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

Development and formulation of quantum mechanics, with selected applications in spectroscopy, atomic/nuclear structure, lasers, solid state. Prerequisites: PHYS 2102, PHYS 3103, MATH 2490 or PHYS 3400, and PHYS 4310. (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