A. Course Description

Credits: 2

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course provides laboratory activities to test the major theories that lead to the understanding of atomic structure and their spectra. It is intended for students pursuing chemistry and physics major/minor.

B. Course Effective Dates: 01/09/2017 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Test the fundamental principles of quantum theory
2. Use quantum theory to understand and analyze experimental data
3. Understand and test theories on atomic electronic structure and spectra

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Note: First day attendance required except by instructor permission. PHYS 355 and 357 must both be in the cart at the same time when you register.