NANO 1210: Computer Simulation

A. COURSE DESCRIPTION

   Credits: 1
   Lecture Hours/Week: 1
   Lab Hours/Week: *
   OJT Hours/Week: *

   Prerequisites:
   This course requires the following prerequisite
   NANO 1100 - Fundamentals of Nanoscience I

   Corequisites: None
   MnTC Goals: None

   This course will cover the application of computer simulation (modeling) to nanoscale systems. In
   addition, this course provides a visualization of concepts and interactions covered in NANO1100 and
   NANO1200. The course will cover applied statistics, design of experiments and impact of input parameter
   variations for biological and mechanical systems. (1 credit: 1 lecture/0 lab)

B. COURSE EFFECTIVE DATES: 05/02/2008 - 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