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