NANO 1100: Fundamentals of Nanoscience I

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

   This course will consist of lecture, laboratory exercise, guest speakers and field trips to introduce students to the world of nanoscale science. The course content will follow and enhance the biology course that is taken simultaneously with this course. Topics will include DNA extraction, protein function, bio-catalysis, biotechnology and cellular development. Students will complete a research project related to nanoscale biology. (3 credits: 3 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