CS 5528: Data Structures and Algorithms

A. COURSE DESCRIPTION

   Credits: 4
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   Study of advanced abstract information storage structures, including priority queues, binary trees, generalized trees, and graphs. Study of algorithm development techniques, including divide and conquer, greedy algorithms, and dynamic programming. Prerequisite: Consent of instructor.

B. COURSE EFFECTIVE DATES: 01/14/2013 - 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