DATABASE MANAGEMENT — ISTC 2040

A. Course Description
   - Credits: 3.00
   - Lecture Hours/Week: 2.00
   - Lab Hours/Week: 1.00
   - OJT Hours/Week: 0
   - Prerequisites:
     - ISTC 1050: Database Systems
   - Corequisites: None
   - MnTC Goals: None

   This course focuses on working with an enterprise-level database management system as well as basic administrative tasks such as installations. The use of Structured Query Language (SQL) will be emphasized as it relates to data definition and data manipulation. Topics also include triggers and stored procedures. Prerequisites: Database Systems ISTC1050.

B. Course Effective Dates: 8/20/07 – Present

C. Outline of Major Content Areas
   As noted on course syllabus

D. Learning Outcomes
   1. Back up and recover databases.
   2. Implement triggers, functions and stored procedures.
   3. Install and configure enterprise-level DBMS.
   4. Manage database security.
   5. Monitor and troubleshoot DBMS performance.
   6. Understand dead lock issues.
   7. Use SQL data definition and manipulation commands.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment
   As noted on course syllabus
G. Special Information

None noted