A. Course Description

Credits: 2

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

The course gives students an opportunity to start with several Business Problems which require Data Mining techniques like classification, estimation, clustering. Students are supposed to research on Data Mining vendors/tools to find Strengths & Weaknesses for selected Data Mining tools. Students are supposed to use 5 groups of Data Mining tools selection criteria: Hardware/OS/Networking, Data preparation/Manipulation, User Interface/Model Output, Algorithms & Manageability, Support/Documentation/Training. The course gives students an opportunity to exercise advanced Data Exploration and Mining software (developed by Synera Systems, Inc.) to analyze Retail Customer Behavior. Students are supposed to use a macro language to document Data Quality problems. Introduction to E-Customer Behavior is also a part of this course.

B. Course Effective Dates: 01/22/2003 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

None

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

None