ICS 390 : Future Trends for Computers and Technology

A. Course Description

Credits: 3

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This independent study emphasizes alternative futures for computers and technology in the next 20 years. Its primary focus is the next decade covering alternative futures for computer architecture, computer hardware, computer software, computer applications, the office-of-the-future, people amplifiers and other areas of student interest. Various forecasting techniques are used to gain awareness of possible futures.

B. Course Effective Dates: 08/01/1998 - 09/05/1999 09/06/1999 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Aware of possible developments in areas of computer technology such as computer architecture, computer hardware, computer software, and computer applications.
2. Identify areas in computer technology that are likely to impact the student's future.
3. Research one area in computer technology that affects the student's future.
4. Gain practice in the process of forecasting change.
5. Read and critically review literature on computer technology.
6. Talk intelligently about the future impact of computer technology on society.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Prerequisite: Fulfill university general education writing requirements. Note: Students are responsible to both be aware of and abide by prerequisites for ICS courses for which they enroll, and will be administratively dropped from a course if they have not met prerequisites.