A. Course Description

Credits: 3

Prerequisites: ICS 141 Programming with Objects or equivalent experience. No previous exposure to Visual Basic is required.

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week : MnTC Goals: None

This course uses a project-based approach to learning the concepts and techniques of rapid application development using the Visual Basic language. Students prototype user-friendly forms, set properties and write code. Applications to access and update information in a database are implemented. This is a programming course.

B. Course Effective Dates: 09/06/1999 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Create user-friendly forms, set properties.
2. Employ standard Visual Basic coding conventions, proper programming style, and appropriate documentation conventions.
3. Recognize opportunities for using event-driven programs.
4. Write effective code using decisions and loops to process data entered through forms.
5. Create ActiveX controls.
6. Implement code to access and update information in a database.
7. Program using some of the more advanced controls.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

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.