Course Outline

Course Title: Visual Basic II
Semester Course Prefix and Number: CSCI 2492
Old Quarter Course Prefix and Number:

Submitted By: R. Booth
Approval Date: 
Revision Date: Feb. 2002

Number of Credits: 3
Number of Lecture Credits: 3
Number of Lab Credits: 
Number of Lab Hours: 
Number of Studio/Demonstration/Internship Credits: 

Semester(s) Offered: Fall

Number of Credits: 3
Number of Lecture Credits: 3
Number of Lab Credits: 
Number of Lab Hours: 
Number of Studio/Demonstration/Internship Credits: 

Catalog Description:
This is the second course in Visual Basic. The primary emphasis in this course is teaching students to create client applications that access and maintain data from a database. The students will look at Visual Basic user defined classes, data files, grids, validation, sorting, drag and drop, and graphics.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): CSCI 1491, Visual Basic I
Reading Prerequisite: None
Composition Prerequisite: None
Mathematics Prerequisite: None

Career Programs and Transfer Majors Accessing this Course:
Computer Programming

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:

0. None 6. The Humanities and Fine Arts
1. Communications 7. Human Diversity
2. Critical Thinking 8. Global Perspectives
3. Natural Sciences 9. Ethical and Civic Responsibility
5. History and the Social and Behavioral Sciences
Learning outcomes, including any relevant competencies listed in the Minnesota Transfer Curriculum:
The student will learn:
1. about object oriented Visual Basic programming.
2. about data file input and output.
3. how to access and maintain a data base with Visual Basic.
4. to work with tools that work with data bases such as grids.
5. about drag and drop methodology in Visual Basic.
6. to create graphical annotation.
7. cover other advanced topics such as Active X, Multiple Document Interface, report design, and object linking.

Student assessment methods:
Lab exercises
Unit exams

Use of instructional technology (includes software, interactive video and other instructional technologies):
A computer with Visual Basic 6.0. A student version of the software is supplied with the book.

Outline of the major course content:
Object oriented programming in Visual Basic
Data files
Accessing data base files
Data grids, validation, selection, sorting
Drag and drop
Graphics
Advanced topics in Visual Basic

Additional special information (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Approvals:

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