ACADEMIC AFFAIRS

Course Number: CSCI 100   Department: Engineering & Sci. Transfer

Course Title: Intro. to Computer Science   Semester: Spring   Year: 2001

Objectives/Competencies

Course Objective	Competencies
1. Visual Basic Programs	1. Analyze a sample program to learn how Visual Basic application's components work together. 2. Create an application from scratch without the aid of VB application wizard.
2. Labels, buttons, and text Boxes	1. Explain labels. 2. Create buttons. 3. Create text boxes. 4. Explain how to use labels, buttons, and text boxes in their applications.
3. Move controls, list boxes, and making decisions.	1. Write programs that will display message boxes and input boxes that provide runtime I/O. 2. Write programs that contain looping logic. 3. Design a complete application to gain experience working with both codes and controls. 4. Explain how to program scrollbars, and how to set the timer control.

Course Objective	Competencies
4. Module programming, build-in functions, and active X	1. Explain the numeric, string, time, date, and formatting functions that Visual Basic supplies. 2. Write menu bars and pull down menus to guide users through their programs. 3. Explain what Active X is and how VB supports it. 4. Add powerful Internet features to their VB applications.
5. FrontPage 98	1. Explain HTML tags. 2. Build a web page. 3. Format the content of a web page. 4. Revise a web page. 5. Convert images to JPEG or GIF formats. 6. Create a Hyperlink to other pages or email.
6. Creating tables and frames for a web site	1. Split and merging cells. 2. Align cell contents. 3. Set table properties. 4. Edit a frame set.
7. Creating shared borders and applying web themes	1. Create a Hover button. 2. Revise navigation bars. 3. Create a page banner. 4. Delete a page from the navigation structure.
8. Developing form applications	1. Create a user input form. 2. Add buttons.

Course Objective	Competencies
	3. Add text boxes.
	4. Test a form on a client.
	5. Process a form on the server.