

OUTLINE

VISUAL BASIC 2 PROGRAMMING

CURRICULUM

1. Review Visual Basic 1 Concepts
 - a) Variables
 - b) Math operators
 - c) If Then Else Statement
 - d) Looping Structures
2. Procedures
 - a) Sub Procedures
 - b) Value Parameters
 - c) Documenting Procedures
 - d) Reference Procedures
 - e) Static Variables
 - f) Function Procedures
4. Arrays
 - a) Variable Arrays
 - b) Using Arrays
 - c) Range Errors
 - d) Array Parameters
 - e) Searching Arrays
 - f) Dynamic Arrays
 - g) Control Arrays
 - h) Two-Dimensional Arrays
5. Graphics & Sound
 - a) Using Color
 - b) Picture Box
 - c) Shapes & Objects
 - d) Animation
 - e) Sound
6. Sequential Access Files
 - a) Open File
 - b) Reading text from file
 - c) Closing a File
 - d) Writing Records
 - e) Reading Records
7. Sorting and Searching
 - a) Bubble Sort
 - b) Timing Code
 - c) Selection Sort
 - d) Insertion Sort
 - e) Binary Search
 - f) Linear Search

8. Embedding Microsoft with Visual Basic

- a) Spreadsheets
- b) Excel
- c) Word document
- d) Database

9. Menus

- a) Splash Screen
- b) Menus
- c) Templates
- d) Forms