

Course Description

TECHNOLOGY: Programming II (VB.Net)**

COURSE DESCRIPTION: This course teaches basic programming concepts and skills while introducing students to the Visual Basic.NET programming language. Participants complete a series of hands-on projects as they learn the essentials of VB.NET.

PREREQUISITES: Programming I (or another C++ course)

COURSE LENGTH: One semester

REQUIRED MATERIAL: Visual Studio 6.0 or 2005 Express

COURSE OUTLINE:

- Pseudocode
- The Integrated Development Environment
- Objects and Properties
- Working with Variables
- Using Subprograms and Functions
- Programming Conventions
- Strings
- Menus
- Buttons and Boxes
- Using Logical Expressions
- Scoping Variables
- Creating Complex Message Boxes
- List and Combo Boxes
- Creating and Reading Sequential Files
- Working with Arrays
- Searching
- Working with Graphics

** One-semester course