

Advanced Programming in Visual Basic .NET™

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Course Overview:

This course covers a number of more advanced Visual Basic .NET topics. Lab time is included. The course is not hardware- or operating system-specific.

Course Length: 2 days.

Goals:

Provided students meet the prerequisites, at the end of the course they should have a good understanding of the following:

- Multithreading
- Conversion of objects to/from storage (serialization)
- Basic communication via sockets (with client/server examples)
- Object cloning
- Attributes

Who Should Attend:

Visual Basic .NET programmers and technical managers who want to go beyond the basics of Visual Basic .NET .

Prerequisites:

This course follows on from the course *Programming in Visual Basic .NET*. Attendees are expected to be comfortable with the following concepts and the syntax required to express them in Visual Basic .NET:

- Basic Language Elements
- Looping and Testing
- Methods

- References, Strings, and Arrays
- Classes
- Inheritance
- Interfaces
- Exception handling
- Input and Output
- Namespaces
- Delegates

Materials:

Each student will receive the following materials:

- *Advanced Programming in Visual Basic .NET* – This manuscript was written specifically for teaching. It serves as a useful reference once the course has been completed.