

## Introduction to Visual Basic.net – 2 days (14h)

### 1. Introduction

### 2. The Basic Interface

### 3. Code

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- Types of variables
- Definition of variables
- The message box

### 4. Compilation

### 5. VB Tools

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- Benchmarks
- Breakpoints
- Keyboard Shortcuts

### 6. Loops

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- For...Next
- Do...Loop
- Force output

### 7. If Statements

### 8. The Select Case Statement

### 9. The Interface of Your Programs

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- Interface Language
- Activation checks
- Other interface parameters

### 10. Posts

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- Simple message
- Message to capture the response

### 11. Goto

### 12. Conventions

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- Variable names
- Method names
- Argument names

### 13. Variables List

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- The array
- La collection

### 14. The Timer Control

### 15. Operators

### 16. The Text File

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- Reading a text file
- Writing to a text file

### 17. File Manager

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- File operations
- Operations on files

### 18. Creating a Method

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- Sub-type method
- The method of type function

### 19. Manipulate the Registry

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- Management options in the registry

### 20. Windows

### 21. Operations on Text

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- Text comparison
- Conversion values
- Extracting a portion of text
- Extracting data from a file path
- Splitting text
- Replacement values

**Course Objectives :** At the end of each course, students will know the capabilities of the software and will be able to use the learned features.  
**Training Course :** Training is given in class at SolidXperts or online where each student has access to a workstation or online product version.  
**Methodology :** Training is based on case studies demonstrated by the instructor. At the end of each lesson, time will be given for exercises.  
**Competences Evaluation :** During the classwork, the instructor will correct the exercises on-demand and explain the solutions to the entire class if needed.  
**Instructor :** SolidXperts trainers are Certified SolidWorks Instructors (CSWI) and authorized by Emploi-Québec.  
**Course Materials :** One or more training manuals are included with the training course.  
**Attestation :** A certificate will be given to each student at the end of the course to attest to the successful completion of the requirements for the course.