



**CT - QTP - 101**  
**Scripting QTP Basic**

<b>Overview</b>	<p>This core course provides a comprehensive understanding of using the language programming interface used by QTP; the VBScript language.</p> <p>You will learn the basics and the principals of the OOP, the difference between other family languages.</p> <p>You will learn how to manipulate your applications needs windows based or web based using QTP and VBScript,</p> <p><b>Note:</b> All topics are supported by hands-on exercises based on real-life examples.</p>
<b>Duration</b>	2 days
<b>Also Recommended</b>	Scripting QTP Advanced CT - QTP - 102
<b>Intended Audience</b>	New and Intermediate users of QTP who need to get familiar with the programming language of QTP. The course is based on both Windows and Web environments.
<b>Professional Prerequisites</b>	First Steps for Windows CT - QTP - 100 Or First Steps for Web CT - QTP - 200 Or at least 2 months of real world QTP experience
<b>Technical Prerequisites</b>	Valid QTP license and Internet access.
<b>Career Track Relevancy</b>	All programmer tracks



## Topics

- ✓ Introduction to VBScript and OOP.
- ✓ Variables and numeric and literal constants.
- ✓ Declaring Variables Explicit and Implicit
- ✓ The scope and lifetime of a variable
- ✓ Variants and sub-types.
  - Data-type conversions
- ✓ VBScript operators.
  - Arithmetic operators.
  - Comparison operators.
  - Logical operators.
- ✓ Working with arrays.
  - One dimensional arrays
  - Multi-dimensional arrays
  - Static and dynamic arrays.
  - Splitting, filtering and joining arrays.
- ✓ Conditional statements
- ✓ Control loops
- ✓ Coding conventions
- ✓ Interaction Functions.
- ✓ String manipulation functions
  - Formatting Strings, numbers and dates.
- ✓ Dates and times functions
- ✓ Math functions.
- ✓ Data type validation functions.
- ✓ Array Functions.
- ✓ Introduction to working with objects.
  - Dictionary object.
  - File System object.
- ✓ Subroutines and function procedures