

MN307

MICROSOFT .NET - C# - VISUAL BASIC

ASP.NET 4.5 Programming

 Laboratory course  Top pick**DURATION**
3 DAYS**REGULAR FEE**
1 435 \$**PREFERENTIAL FEE**
1 290 \$

Objectives

To provide the knowledge and skills required to create dynamic Web solutions using Microsoft ASP.NET 4.5 technologies.

Targeted audience

Developers and Web specialists.

Prerequisite

Practical experience of application development using [Visual Basic .NET](#) (Course MN204) or [Visual C# .NET](#) (Course MN201).

Content

- .NET tools and languages: .NET Framework 4.5 and Visual Studio 2013
- From ASP to ASP.NET 4.5
- Architecture of an ASP.NET application
- Forms using Web Forms controls and event management techniques
- Data Binding
- Data validation
- User interfaces with master pages and themes
- Using CSS style sheets
- Integrating Bootstrap in an ASP .NET WebForms project
- Creating User Controls
- Overview of ADO.NET: description and use of the data access library
- Introduction to Entity Framework
- Generating a data model using Entity Framework (ADO.Net Entity Data Model)
- Entity Framework's Code First approach
- Configuration files: machine.config and web.config
- Securing Internet applications
- User management controls
- Debugging, tracing and error handling
- Overview of Web Soap ASMX and WCF services
- Development with Microsoft's Ajax Extensions and the Ajax Control Toolkit
- Integrating and using jQuery with ASP.NET
- Overview of ASP.NET vNext
- New features in ASP.NET 4.6

General Note

Note: This course is not suitable for programmers who have extensive experience with ASP.NET.

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DATES*

Montreal	September 23 to September 25 2019
Quebec City	October 28 to October 30 2019