**Objectives**
To provide the knowledge and skills required to describe the basic features of the Microsoft .NET technologies through a high level overview of the terminology and key concepts, architecture, programming interfaces, tools and available alternatives.

**Targeted audience**
Developers, IT managers, project managers as well as Web specialists (other than designers), network specialists and those in administrative or administrative support positions.

**Prerequisite**
Basic knowledge of computer science.

**Content**
- The Microsoft .NET Framework and related technologies
- .NET history: the evolution of client/server architectures
- Overview of .NET: internal architecture, CLR, models and programming languages, ASP.NET, classes, security, etc.
- The various types of projects: their differences and uses
- Key terminology: ASP, MVC, XAML, WPF, WCF, WebAPI, SOAP, XML, etc.
- The role of the main .NET servers (SQL Server, BizTalk, SharePoint) and other key products, both current and future
- The importance of XML technologies in the .NET architecture
- Developing systems based on Service Oriented Architecture (SOA) and Web Services
- Development based on reusable components
- Development tools and environments (Visual Studio and Team System)
- Comparison of the approaches used by J2EE, Sun, IBM and others
- Overview of the new features in the .NET Framework and its future
- Introduction to cloud computing
- Introduction to Windows Azure, Microsoft's Cloud Computing platform
- Overview of cloud services such as PaaS, SaaS, IaaS
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**DURATION**
1 DAY

**REGULAR FEE**
510 $

**PREFERENTIAL FEE**
460 $

**Select the training date**

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