.NET software development e-learning channel

Practical course - 1d - 05h31 - Ref. 8NE
Price : 190 € E.T.

Dive into the world of software development with .NET, a rich ecosystem that enables developers to create efficient, high-performance applications while reducing development times. From the basics of the C# language to the use of the MVC model, this specialized channel will enable you to design robust applications on your own. Ready to switch to .NET?

Teaching objectives

At the end of the training, the participant will be able to:

- Know the basics of the language and the different types of data.
- Make data cohabit by performing conversions within different expressions.
- Manipulate different control structures.
- Use different methods and discover new features of the language.
- Use the various tools to start developing .NET Core web applications.
- Develop and implement an application with .NET Core.
- Take a concrete look at the behavior of a .NET Core application through practical demonstrations.
- Perform queries with LINQ.
- Implement Entity Framework.
- Perform various operations on your data.
- Perform native SQL queries.

Intended audience
All developers wishing to deploy web applications.

Prerequisites
Knowledge of Web development.

Practical details

Digital activities

IT structure: recorded courses, expert videos and best practice sharing.

Mentoring

L'option tutorat propose un accompagnement personnalisé par un formateur référent ORSYS, expert du domaine. Adapté aux besoins, aux capacités et au rythme de chaque apprenant, ce tutorat combine un suivi asynchrone (corrections personnalisées d'exercices, échanges illimités par message…) et des échanges synchrones individuels. Bénéfice : une meilleure compréhension, le développement des compétences et un engagement durable dans la formation.

Pedagogy and practice

A wealth of content produced by trainers following a rigorous pedagogical approach. During each course, operational cases are commented on by experts to help learners put into practice what they have just learned. To help learners anchor their memory, each content item is broken down into short sequences of 3 to 10 minutes. This enables each learner to learn dynamically and independently.

Course schedule

(1) C#, learn the language fundamentals

- Language basics.
- Alternative structures.
- Iterative structures.
- Methods.

(2) C#7 and Entity Framework, mastering data access

- Querying with LINQ.
- Entity Framework implementation.
- CRUD operations.

(3) .NET Core, learning the essentials of the development framework

- Introduction to .NET Core.
- Development tools.
- Architecture of a .NET Core application.
- Implementing a .NET Core application.