

## Master Class: .Net 5 Technologies (MSDEV04)

ID MSDEV04 Price 1,990.— €excl. tax Duration 3 days

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### Course Overview

In this training you will learn several important basic technologies of the .NET Framework 5. Modern CPUs have more and more processors, therefore developers have to master multithreading. APIs of libraries and services are increasingly asynchronous, async and await want to be applied correctly. Background processes run in worker services, for communication between processes we use new gRPC.

- Asynchronous programming (async and await)
- Security und Kryptographie
- Network programming
- Worker Services
- LINQ to XML
- Inter-process communication with gRPC (Google Remote Procedure Call)
- Unit Testing
- Regular Expressions

### Who should attend

Software developers who want to develop projects on the .NET platform professionally and efficiently.

### Prerequisites

[Master Class: C# Advanced \(MSDEV03\)](#) or equivalent knowledge and skills

### Course Objectives

- Expand your knowledge of the fundamental .NET framework technologies.
- Be able to create more functional and efficient programs independently
- Immediate successful deployment of the additional .NET technologies

### Course Content

- Architecture of .NET
- Functional Language Elements of C# (C# 7 to 9)
- Configuration of .NET applications
- Reflection and dynamic programming
- Multithreading und Parallel Framework

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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- ✓ E-Learning
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