

# Design & Patterns in .NET







Course code: GOC274

Course deals with applying "Design patterns". You will learn to use patterns by analyze, architecture, design, programming, so-called idioms and re-factorization patterns, performance tuning patterns and testing patterns. During the course will be shown range of techniques, methods, procedures and practices called "Best Practices" useful in particular phases and disciplines of software development. The goal of this course is to facilitate understanding principles of patterns using by means of practical examples. During whole course it works on case study individually and in teams by lector leading.

Affiliate	Duration	Course price	ITB
Praha	5	23 000 Kč	50
Brno	5	23 000 Kč	50
Bratislava	5	1 100 €	50

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
  13.07.2026	5	913 €	Telepresence	CZ/SK	GOPAS Bratislava
 13.07.2026	5	19 090 Kč	Telepresence	CZ/SK	GOPAS Praha
21.09.2026	5	1 100 €	Online	CZ/SK	Online
 12.10.2026	5	23 000 Kč	Telepresence	CZ/SK	GOPAS Praha
 12.10.2026	5	23 000 Kč	Telepresence	CZ/SK	GOPAS Brno
 12.10.2026	5	1 100 €	Telepresence	CZ/SK	GOPAS Bratislava
14.12.2026	5	1 100 €	Online	CZ/SK	Online

The prices are without VAT.

## Who is the course for

The course is intended primarily for developers who want to extend self knowledge portfolio in scope of qualified software development. Project manager, analytic, architect, designer, developer, tester - all software professions have to use or well understand patterns and so-called "best practices".

## What we teach you

- Correctly understand patterns by software development.
- Applying patterns in object analyze, architecture, design.
- Patterns using by object programming, testing and optimizing.

## Required skills

Experiences with programming in c# or VB .Net and basics of Object Oriented Programming

## Course Outline

Patterns

- What is a Pattern?
- What Makes a Pattern?
- Pattern Categories
- Relationships between Patterns

### GOPAS Praha

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved

# Design & Patterns in .NET

- Pattern Description
  - Patterns and Software Architecture
- Architectural Patterns
- Pipes and Filters
  - Blackboard
  - Distributed Systems
  - Broker

**GOPAS Praha**  
Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Brno**  
Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Bratislava**  
Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved