

# Příprava k certifikační zkoušce OCUP 2 Foundation

Course code: BEOCPFOUN

The OCUP 2 Foundation certification exam is the starting level for testing UML knowledge. This is an updated OCUP Fundamental exam. The training, which is intended to prepare the participants for its completion, covers all the required areas (requirements are detailed on the OMG website): Why we model

Class Diagram  
Object diagram  
Package diagram  
Use cases  
Activity diagram  
Sequence Diagrams  
State machines

## Who is the course for

IT analysts, developers, architects, and beginners who want to learn UML or prepare for the OCUP 2 Foundation certification.

## What we teach you

- Prepare participants for the OCUP 2 Foundation certification exam
- Understand the basic principles of UML and learn to use key diagrams
- Learn the basic use of UML through practical examples, covering the scope needed to pass the exam

## Required skills

- Basic knowledge of software development is an advantage, but not a requirement
- Interest in modeling systems using graphical tools

## Study materials

Book UML and OCUP 2 or How to Certify Your UML 2 Knowledge, Foundation Level

## Own certification exam

The training can be ordered without the certification exam (just the preparation) or with the exam included – one scheduled date. The price of the exam is 10,850 CZK excluding VAT.

## Course outline

### Introduction to UML

- What is UML and why use it
- Benefits of modeling
- Overview of the OCUP2 Foundation certification exam

### Structural Diagrams

- Class Diagram: Classes, relationships between classes (association, inheritance, composition)
- Object Diagram: Instances of classes and their relationships
- Package Diagram: Organization of model elements

### Behavioral Diagrams

- Use Case Diagram: Actors, use cases, and their relationships
- Sequence Diagram: Interactions between objects in a time sequence
- State Diagram: States of an object and transitions between them
- Activity Diagram: Modeling workflows and processes

## Practical Exercises

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# Příprava k certifikační zkoušce OCUP 2 Foundation

- Modeling simple scenarios using UML

## Preparation for Certification

- Tips for the exam, practice tests

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