

Szkolenie: Microsoft  
AZ-400T02 Implementing Continuous Integration

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	1200 PLN NETTO*	1 dzień
Stacjonarne	Tablet CTAB	1800 PLN NETTO*	1 dzień

\* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

## LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

## Cel szkolenia:

This course provides knowledge and skills to implement the DevOps practices of continuous integration. Students will learn how to implement continuous integration in an Azure DevOps pipeline, how to manage code quality and security principles, and how to implement a container build strategy.

### Audience profile:

- Students in this course are interested in DevOps continuous integration processes or in passing the Microsoft Azure DevOps Solutions certification exam.

### After completing this course, students will be able to:

- Explain why continuous integration matters
- Implement continuous integration using Azure DevOps
- Configure builds and the options available
- Create an automated build workflow
- Integrate other build tooling with Azure DevOps
- Create hybrid build processes
- Describe what is meant by code quality and how it is measured
- Detect code smells
- Integrate automated tests for code quality
- Report on code coverage during testing
- Add tooling to measure technical debt
- Detect open source and other licensing issues
- Implement a container build strategy

## Plan szkolenia:

- Implementing Continuous Integration in an Azure DevOps Pipeline
  - Continuous Integration Overview
  - Implementing a Build Strategy
  - Lab : Enabling Continuous Integration with Azure Pipelines
  - Lab : Creating a Jenkins Build Job and Triggering CI
- Managing Code Quality and Security Policies
  - Managing Code Quality
  - Managing Security Policies
  - Lab : Managing Technical Debt with Azure DevOps and SonarCloud
  - Lab : Checking Vulnerabilities using Whi
- Implementing a Container Build Strategy
  - Implementing a Container Build Strategy
  - Lab : Existing .NET Applications with Azure and Docker

## Wymagania:

- Students should have fundamental knowledge about Azure, version control, Agile software development, and core software development principles. It would be helpful to have experience in an organization that delivers software.
- It is recommended that you have experience working in an IDE, as well as some knowledge of the Azure portal. However, students who may not have a technical background in these technologies, but who are curious about DevOps practices as a culture shift, should be able to follow the procedural and expository explanations of continuous integration regardless.

## Poziom trudności



## Certyfikaty:

Uczestnicy kursu **AZ-400T02 Implementing Continuous Integration** otrzymują **certyfikat** ukończenia autoryzowanego szkolenia **Microsoft**.

## Prowadzący:

Microsoft Certified Trainer.

## Informacje dodatkowe:

Zajęcia prowadzone są w języku polskim, materiały źródłowe oraz oprogramowanie są w języku angielskim.