

Szkolenie: Oracle
Architect Enterprise Applications with Java EE

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	8890 PLN NETTO*	5 dni
Stacjonarne	Tablet CTAB	9490 PLN NETTO*	5 dni
Metoda dlearning	Cyfrowe	8890 PLN NETTO*	5 dni
Metoda dlearning	Tablet CTAB	8890 PLN NETTO*	5 dni

* (+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 **Architect Enterprise Applications with Java EE** training teaches you how to develop robust architectures for enterprise Java applications using the Java Platform, Enterprise Edition (Java EE) technology. Develop effective decision-making skills through using non-functional qualities (such as scalability and flexibility), Java EE technology blueprints and design patterns.

Learn To:

- Define the enterprise architect's roles, responsibilities and deliverables.
- Identify non-functional requirements (NFRs) and describe common problems and solutions.
- Translate business requirements into an architecture.
- Weigh choices in architecting the client, web, business, integration and data tiers.
- Apply various evaluation criteria to choosing architectural elements and patterns, tools, servers and frameworks.
- Prepare for the Oracle Certified Enterprise Architect exam.

Plan szkolenia:

- Introducing Enterprise Architecture
 - What is Enterprise Architecture?
 - An Architect's Roles and Responsibilities
- Introducing Fundamental Architectural Concepts

- Distinguish between architecture and design
- Architectural Patterns
- Architectural Deliverable Artifacts
- What is an Enterprise Architecture Framework
- 4 + 1 View Model
- Architectural Modeling Using UML
- Architecture Workflow
- What is an Enterprise Architecture Framework
- Developing a Security Architecture
 - Analyzing the Impact of Security in Distributed Computing
 - Examining Security in the Java EE Technology
 - Understanding Web Services Security
- Understanding Non-Functional Requirements
 - Examining Non-Functional Requirements (NFRs)
 - Common Practices for Improving Qualities
 - Prioritizing Quality-of-Service (QoS) Requirements
 - Inspecting QoS Requirements for Trade-offs
- Defining Common Problems and Solutions: Risk Factors and System Flexibility
 - Identifying Risk Factors
 - Designing a Flexible Object Model
- Defining Common Problems and Solutions: Network, Transaction and Capacity Planning
 - Describing Network Communication Guidelines
 - Justifying the Use of Transactions
 - Planning System Capacity
- Java EE 6 Overview
 - Java EE 6 Goals
 - Java EE Containers
 - Classic Java EE 5 Architecture
 - Impact of Java EE 6 on Architecture
- Developing an Architecture for the Client Tier
 - Client Tier Development Roles
 - Information Architecture Client Concerns
 - Selecting User Interface Devices and Technologies
 - Discovering Reusability in the Client Tier
 - Deployment Strategies for the User Interface
 - Security Concerns in the Client Tier

- Testing
- Developing an Architecture for the Web Tier
 - Responsibilities of the Web Tier
 - Separation of Concerns
 - Comparing Web Tier Frameworks
 - Providing Security in the Web Tier
 - Scaling the Web Tier
- Developing an Architecture for the Business Tier
 - Business Tier Technologies
 - Architecting the Domain Model
 - Development Best Practices
- Developing an Architecture for the Integration and Resource Tiers
 - Examining Enterprise Information System Integration
 - Reviewing Java Integration Technologies
 - Applying Integration Patterns
 - Examining Service-Oriented Architecture (SOA)
- Evaluating the Software Architecture
 - Evaluating Software Architectures
 - Evaluating Java EE Technologies
 - Creating System Prototypes
 - Selecting Servers and Frameworks

Wymagania:

- Describe, in outline form, all Java EE technologies, including Enterprise JavaBeans, servlets, JavaServer Pages, and JavaServer Faces
- Perform analysis and design of object-oriented software systems
- Use a notation, such as the UML, for modeling object-oriented systems
- Developing Applications for the Java EE 6 Platform
- Object-Oriented Analysis and Design Using UML

Poziom trudności



Certyfikaty:

Uczestnicy szkoleń otrzymają zaświadczenia o ukończeniu kursu sygnowane przez firmę Oracle.

Prowadzący:

Autoryzowany wykładowca Oracle.