

# Introduction to application development with Jakarta EE («JEE01»)

This course provides you with an overview of the versatile applications of Jakarta EE.

**Duration:** 2 days

**Price:** 1'400.–

## Content

1. Jakarta EE as a component platform
  - Architectue and Tiers
  - Web Component versus Business Component
  - Specifications and profiles
  - Application server and container
  - JNDI versus CDI
  - Archive and deployment
  - JavaBeans API and POJO
  - Annotations and logging
2. «Presentations / Web Tier» in Jakarta EE
  - Web application with servlets
  - Web service with RESTful API
  - WebSocket API
3. «Business / Logic Tier» in Jakarta EE
  - Business Application with EJB
  - Messaging with JMS
  - Web Service with SOAP Protocol
4. «Persistence / Integration Tier» in Jakarta EE
  - Database access with JDBC
  - Database access with JPA
  - Bean Validation
  - Transactions with JTA
5. Multithreading in Jakarta EE
  - Concurrents
  - Asynchrones
  - Concurrency API
6. Services in Jakarta EE
  - Timer API
  - Batch API
7. Security in Jakarta EE
  - Threats
  - Terms and concepts
  - Authentication and login
  - Authorization and roles
  - Security API

## Key Learnings

- Overview of the Jakarta EE specifications
- Overview of the possible applications for enterprise applications

## Target audience



This course is aimed at application developers who want to familiarize themselves with the possible uses of Jakarta EE.

## Further courses

- [Introduction to Java Servlet API \(«JEE02»\)](#)

## Any questions?

We are happy to advise you on +41 44 447 21 21 or [info@digicomp.ch](mailto:info@digicomp.ch). You can find detailed information about dates on [www.digicomp.ch/courses-software-engineering/programming-languages/java-javascript/course-introduction-to-application-development-with-jakarta-ee](http://www.digicomp.ch/courses-software-engineering/programming-languages/java-javascript/course-introduction-to-application-development-with-jakarta-ee)