

# TOC \_ Camunda 8 Certified Developer Certification Training

Duration: 10days \_ 40hours

## Day 1 (4 hrs)

- Course Introduction & Objectives
- **Camunda 8 Overview**
- **Camunda 8 Technical Overview**
- **BPMN Overview**
- Hands-on Lab: Create first BPMN model in Web Modeler

## Day 2 (4 hrs)

- **Web Modeler Overview**
- **BPMN – Task Types**
- **BPMN – Events**
- Hands-on Lab: Model workflows with User Task, Service Task, and Events

## Day 3 (4 hrs)

- **BPMN – Participants & Collaboration**
- **BPMN – Subprocesses**
- **BPMN – Messages**
- Hands-on Lab: Model a collaboration diagram with message events

## Day 4 (4 hrs)

- **BPMN – Data and Artifacts**
- **BPMN – Error Handling**
- **BPMN – Event Subprocesses**
- Hands-on Lab: Model error and event subprocess scenarios

**Day 5 (4 hrs)**

- **BPMN – Compensation**
- **BPMN – Inclusive Gateway**
- **BPMN – Markers** (multi-instance, loops, etc.)
- Hands-on Lab: Compensation and complex gateway workflows

**Day 6 (4 hrs)**

- **Script Task Usage**
- **Sub-Processes & Call Activities**
- **Timer Events**
- **Multi-Instance Marker**
- Hands-on Lab: Using timers & multi-instance in workflows

**Day 7 (4 hrs)**

- **DMN Overview**
- **DMN – Hit Policies**
- **DMN – Advanced DRDs**
- **Decision Automation Basics**
- Hands-on Lab: Build decision tables with multiple hit policies

**Day 8 (4 hrs)**

- **Camunda Forms – Advanced**
- **AI-assisted Form Builder**
- **Connectors Overview**
- **Custom Inbound & Outbound Connectors**
- Hands-on Lab: Create connector-based workflow integration

**Day 9 (4 hrs)**

- **FEEL Overview & Expressions**
- **FEEL – Temporals, Lists, Contexts**
- **FEEL – Control Flow & Advanced Expressions**
- **Hands-on Lab: Apply FEEL in decision tables & workflows**

**Day 10 (4 hrs)**

- **Microservice Orchestration**
- **Working with Zeebe API & CLI**
- **Develop Workers (Java & Spring Zeebe)**
- **Process Monitoring & Optimization**
  - Execution Listeners
  - Error Handling & Process Incidents in Operate
  - Process Migration
  - Getting Started with Optimize
- **Differences: Camunda 7 vs 8**
- **Final Hands-on Lab: End-to-End Project (BPMN + DMN + Connectors + Operate)**