

# Java SE 11 Programming Complete



**Kestus:** 40 akadeemilist tundi

Vana-Lõuna 39/1

[Vaata kõiki toimumiskuupäevi](#)

This comprehensive course is suitable for people who want to learn the full Java programming language (Java SE), understand its concepts, the language constructs, handle collections and concurrency, and utilize core language APIs and modularization.

**This training is held in estonian**

It is designed for people with existing basic knowledge of computing and programming concepts, and who need to learn all aspects of Java SE in the shortest possible time. Students practice the skills learned in each lesson through hands-on practices. The course is based on the current long-term support version, Java SE 11.

After completing this course, students should be in a position to attempt both exams (1Z0-815 and

1Z0-816) that lead to Java 11 certification.

**Target audience:** Developers, Implementors

**In result of the training participants:**

- Manipulate numeric, text, date and time values using appropriate Java primitives and classes
- Organise Java code using classes, interfaces and enumerations
- Implement program logic using variables, arrays, conditional and loop constructs
- Create Java applications that leverage the object-oriented features of the Java language, such as encapsulation, inheritance, and polymorphism
- Use Lambda Expressions
- Use Java Collections API
- Process information using Streams API
- Use Java Concurrency API
- Implement error propagation and handling
- Implement input/output (I/O) functionality to read and write binary and text data
- Manipulate files, directories and file systems
- Deploy and execute Java applications using a modularized approach

**Prerequisites to the course (recommended):**

- Knowledge of basic computing concepts
- Familiarity with basic programming constructs (any language)

**Length:** 40 academic hours

**The prerequisite for issuing the certificate is full participation in training.**

**The training topics:**

- Introduction to Java
- Primitive Types, Operators, and Flow Control statements
- Text, Date, Time, and Numeric objects
- Classes and Objects
- Improved Class Design
- Inheritance
- Interfaces
- Arrays and Loops
- Collections
- Nested Classes and Lambda expressions
- Java Streams API
- Handle Exceptions and fix bugs
- Java IO API
- Java Concurrency and Multithreading
- Java Modules
- Annotations
- JDBC API
- Security
- Generics

[https://education.oracle.com/java-se-11-programming-complete/courP\\_62197845](https://education.oracle.com/java-se-11-programming-complete/courP_62197845)

**The price of the training includes:**

- official training materials;
- a trainer's consultation on the topics learned by e-mail after the training;

- certificate.

**As an added value, we offer:**

- hot drinks with cookies;
- lunch;
- free parking.

**You can participate in the training with the Unemployment Insurance Fund training card.**

**See you at the training!**

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# AJAKAVA

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## 1.day

09:15 - 09:30 ○ **Gathering**

The training takes place at Vana-Lõuna 39/1, Tallinn, IT Training premises. You can park in the Europark car park at Veerenni 36, EP63. Parking is free by registering at the IT Training on the first floor.

09:30 - 11:00 ○ **I module**

11:00 - 11:15 ○ **Break**

11:15 - 12:45 ○ **II module**

12:45 - 13:30 ○ **Lunch**

13:30 - 15:00 ○ **III module**

15:00 - 15:15 ○ **Break**

15:15 - 16:45 ○ **IV module**

## 2.day

09:15 - 09:30 ○ **Gathering**

09:30 - 11:00 ○ **I module**

11:00 - 11:15 ○ **Break**

11:15 - 12:45 ○ **II module**

12:45 - 13:30 ○ **Lunch**

13:30 - 15:00 ○ **III module**

15:00 - 15:15 ○ **Break**

15:15 - 16:45 ○ **IV module**

### 3.day

09:15 - 09:30 ○ **Gathering**

09:30 - 11:00 ○ **I module**

11:00 - 11:15 ○ **Break**

11:15 - 12:45 ○ **II module**

12:45 - 13:30 ○ **Lunch**

13:30 - 15:00 ○ **III module**

15:00 - 15:15 ○ **Break**







15:15 - 16:45 ○ **IV module**

### 4.day









09:15 - 09:30 ○ **Gathering**

09:30 - 11:00 ○ **I module**



- 11:00 - 11:15  **Break**
- 11:15 - 12:45  **II module**
- 12:45 - 13:30  **Lunch**
- 13:30 - 15:00  **III module**
- 15:00 - 15:15  **Break**
- 15:15 - 16:45  **IV module**

### 5.day

- 09:15 - 09:30  **Gathering**
- 09:30 - 11:00  **I module**
- 11:00 - 11:15  **Break**
- 11:15 - 12:45  **II module**
- 12:45 - 13:30  **Lunch**
- 13:30 - 15:00  **III module**
- 15:00 - 15:15  **Break**
- 15:15 - 16:45  **IV module**

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## LISAINFO

### **Osalemise tingimused**

Registreerudes e-poe, e-kirja või telefoni teel, saadame Teile arve ja täpsema info osalemise kohta.

Üksteist päeva enne koolitust saadame Teile e-kirjaga meenutuse osalemise infoga.

Koolitusel osamine on nimeline, kuid saate osalejat tasuta muuta kuni koolituse alguseni.

Koolituse eest tasumine toimub arvel viidatud arveldusarvele. Arve saadetakse maksja aadressile e-postiga. Arve tuleb tasuda enne koolituse algust arvel märgitud maksetähtajaks.

Kui Te ei saa mingil põhjusel osaleda, palun andke sellest kindlasti teada e-posti aadressil [info@koolitus.ee](mailto:info@koolitus.ee) või telefonil 618 1727 . Kui teatate koolitusel mitteosalemisest kuni 10 tööpäeva enne algust, pakume mõnd muud samaväärset koolitust või tagastame 100% tasutud koolituse maksumusest. Mitteosalemisest vähemalt 5 tööpäeva varem teatades, tagastame 50%. Muul juhul kuulub arve tasumisele. Raha tagastame ette antud summas juhul, kui pole tehtud koolituse korraldamisega seotud kulutusi (ostetud õppematerjale jms). Koolitusele mitteilmumisel, sellest mitteteatamisel või koolituse pooleljätmisel õppetasu ei tagastata.

IT Koolitusel on õigus koolitusgrupi mitte täitumisel koolituse toimumine edasi lükata või koolitus ära jätta. Koolitusele registreerunuid teavitatakse kursuse edasi lükkumisest või ära jätmisest telefoni või e-posti teel. Koolituse ära jäämisel korraldajatest tulenevatel põhjustel makstakse õppetasu tagasi. .

IT Koolitus on Eesti Töötukassa koolituskaardi koostööpartner. Tutvuge koolituskaardi infoga [SIIN](#). Täpsema info saamiseks võtke meiega ühendust telefonil 618 1727 või [info@koolitus.ee](mailto:info@koolitus.ee).