

## » Course Overview

The Java SE 8 course is designed to provide preparation for the Oracle Certified Associate (OCA) exam. Throughout the course, students will learn about Java from the basics to string builder methods. They will spend a significant portion of the course learning about the basics of Java, data types, operators, arrays, loop constructs, encapsulation, inheritance, exceptions, and API.

» **Course Preview Video:** <https://www.pointfuleducation.com/java-preview-video>

## » Course Outline by Module

Module 1	Introduction to Coding and Java	Module 6	Working with Methods of Encapsulations
Module 2	Java Basics	Module 7	Working with Inheritance
Module 3	Working with Java Data Types	Module 8	Handling Exceptions
Module 4	Using Operators & Decision Constructs & Creating and Using Arrays	Module 9	Working with Selected classes from the Java API
Module 5	Using Loop Constructs		

## » Instructional Components

Pointful Education Courses are structured in a consistent, research-based format utilizing multiple pedagogical concepts such as Understanding by Design, Growth Mindset, and Video and Project-based learning. Through the use of these pedagogical concepts, Pointful Education maintains a consistent and engaging course structure that supports student-centered learning.

## Course Structure



Instruction  
45%



Projects  
9%



Reflections  
12%



Concept Checks  
24%



Exams  
11%

## » Certification

This course prepares students for the Java SE 8 Programmer certification.

To learn more select the following link:

[https://education.oracle.com/products/trackp\\_333](https://education.oracle.com/products/trackp_333)