



Java Associate Developer SE8 (Programmer I)



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Java Associate Developer SE8 (Programmer I) - eCollege Course

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Enrolment and Course Access

eCollege Login

Once you have activated the course, you will always log in to eCollege here: www.ecollege.ie.

eCollege Password

If you forget your password, you can use the password reset option on eCollege:

https://ecollege.etbonline.ie/login/forgot_password.php

Course Start Date

The course enrolment duration begins once your fetch course application is approved. eCollege run this course on a continuous intake basis. You may see other start and end dates on the Fetch Courses website; these are incorrect.

Course Length

We allow **34** weeks to complete the course, and we suggest you will need to study about 10 hours a week. Based on previous statistics, many learners complete this course in less than 34 weeks.

There are several contact hours within the interactive tutorials, and you may have to go back over specific topics. There is also a portion of self-directed learning involved.

eCollege Course Structure

We have laid out the course structure with these topics:

- Getting Started
- Course Resources
- Course Content (multiple topics)
- Test Preparation
- Exam Booking

Getting Started Topic

The Getting Started topic includes:

- Induction Module
 - Online Learning
 - eCollege Policies and Procedures
 - Workstation Safety
- Getting Started Questionnaire

- Provides you with valuable course information. We also ask some questions concerning your employment and education status.

Course Resources Topic

The Course Resources topic includes exam information, recommended reading, glossary of terms, information on Java webinars and mentors, and a learning plan. You can use these resources as you progress through the course.

Course Content Topics

All course work is included in the following **12** Course Content topics:

1. Java Refresher
2. Java Building Blocks
3. Operators and Statements
4. String and StringBuilder
5. Arrays and ArrayList
6. Dates and Times
7. Methods and Encapsulation
8. Inheritance and Object-Oriented Design
9. Class Design
10. Exceptions
11. Course Appendix A: Source Coding Best Practices
12. Course Appendix B: Application Development Lifecycle

Test Preparation Topic

The Test Preparation topic helps ensure you are ready for your examination. You will complete activities that prepare you for the examination. You must achieve a certain percentage in these activities before moving on to the Exam Booking stage.

Exam Booking Topic

In the Exam Booking topic, you will complete the Course Questionnaire and Exam Booking Form to help guide you through the exam booking process.

Course Information and Syllabus

Prerequisites

Any one of the following courses is a mandatory prerequisite (equivalent training accepted):

- Java Foundations Certified Junior Associate (Exam 1Z0-811) (available on eCollege)
- Bachelors/Masters degree in Software Engineering / Computer Science

- PGDip in Software Engineering / Computer Science (from a university or Irish IT)
- Microsoft Exam 70-483 Programming in C#
- C++ Certified Professional Programmer (Exam CPP from C++ Institute)
- Oracle / Sun Certified Associate in Java (SE 5/6)

If you do not have one of the above or if there is any doubt about your level, then you will be asked to complete the Java Foundations Junior Associate course first.

Course Information

This intermediate online course provides a global industry standard accreditation in Java, the world's most widely used general-purpose computer programming language. Java is a cross-platform, high-level language, which is free for developers to download and use.

The course, certified by Oracle, will give you a comprehensive understanding of the core features of the Java Programming language, including data types; operators and strings; decision and looping statements; object-oriented programming concepts and exception handling.

You can review the course syllabus [here](#).

QQI/FETAC

There is no QQI/FETAC qualification associated with this course.

Certification

Upon successful completion of the Java SE 8 Programmer I 1Z0-808 examination, you will be awarded an industry qualification from Oracle. See more information [here](#).

There is currently a system in place whereby you can complete the exam at home if you have the technical setup to do so. [Click here](#) for more information.

Examination

Exam Costs

SOLAS will cover the cost of your exam.

Exam Format

- 70 multiple-choice questions
- Duration: 2.5 hours
- Passing Score: 65%

Register for the Examination

You will be able to register for the exam once you have completed all the topics, including the Test Preparation topic. After these are all successfully completed, the Exam Booking topic will be available to you.

At this point, eCollege administration staff will work with you to purchase the exam from Pearson VUE. This process will require you to create a Pearson VUE account and complete a registration form for them.

Where Can I Complete My Examination?

You can choose a Test Centre that is convenient for you on the Exam Booking Form (if applicable). Once the Exam Booking Form is submitted, eCollege will send you an exam voucher and you will be able to book your exam with Pearson VUE.

There is currently a system in place whereby you can complete the exam at home if you have the technical setup to do so. [Click here](#) for more information.

Refund of Public Travel Expenses

You may have to travel to a test centre; we can refund the cost of any public transport used. Please keep your receipts.

Exam Support

If you require accommodation (support for any documented learning difficulties), you need to apply for this in advance. Any request for additional support **will require documented evidence** from a medical professional.

We cannot request additional support on your behalf due to data protection. There is no requirement to start this process now. You will be able to do this once you have reached the Exam Booking topic.

Course Content

Live Classes

There are no live classes. The course content is laid out for you in interactive tutorials that can be accessed anytime once you are logged into eCollege.

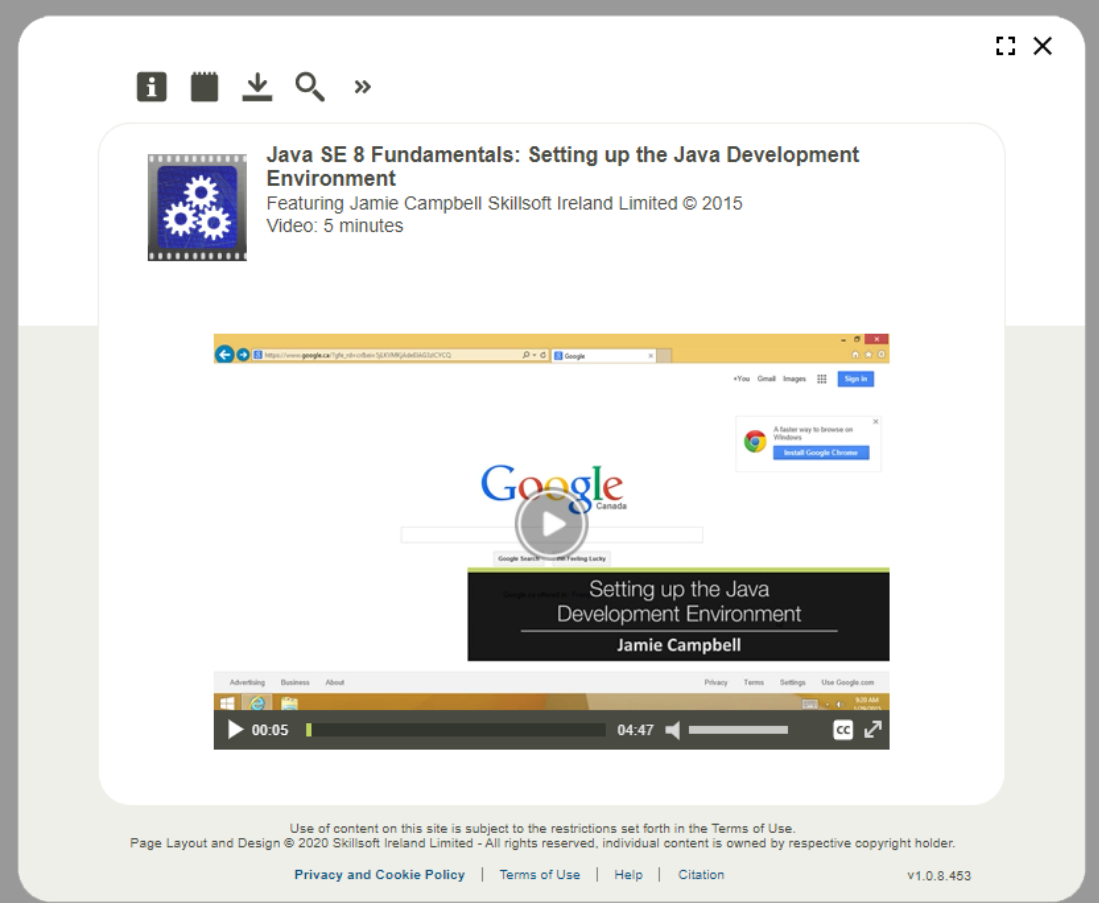
Interactive Tutorials

Course content is created and designed by a company called SkillSoft. SkillSoft supply eCollege with interactive tutorials aligned to the course syllabus. These interactive tutorials are found within each topic. They cannot be viewed offline.

Within the Topic, Skillsoft interactive tutorials appear like this:

 [Java SE 8 Fundamentals: Setting up the Java Development Environment](#)

These icons launch **Skillsoft** video content.



The screenshot displays a Skillsoft video player interface. At the top, there are navigation icons: an information icon, a calendar icon, a download icon, a search icon, and a right arrow icon. The video title is "Java SE 8 Fundamentals: Setting up the Java Development Environment", featuring Jamie Campbell, with a duration of 5 minutes. The video player shows a browser window with the Google search page and a play button overlay. The video duration is 04:47. The interface includes a progress bar, a volume control icon, and a CC icon. At the bottom, there is a copyright notice: "Page Layout and Design © 2020 Skillsoft Ireland Limited - All rights reserved, individual content is owned by respective copyright holder." and a version number: "v1.0.8.453".

eBooks

There are a series of recommended eBooks and additional reference materials available in the Course Resources topic.

How to approach the course

Once you have completed all the activities in the Getting Started topic, Course Resources and Course Content material will be unlocked and available to you.

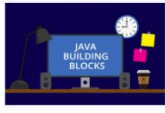

You will progress through each course topic in order. Course Content topics focus around the course material supplied by SkillSoft.

Java Associate Developer SE 8
(1Z0-808)



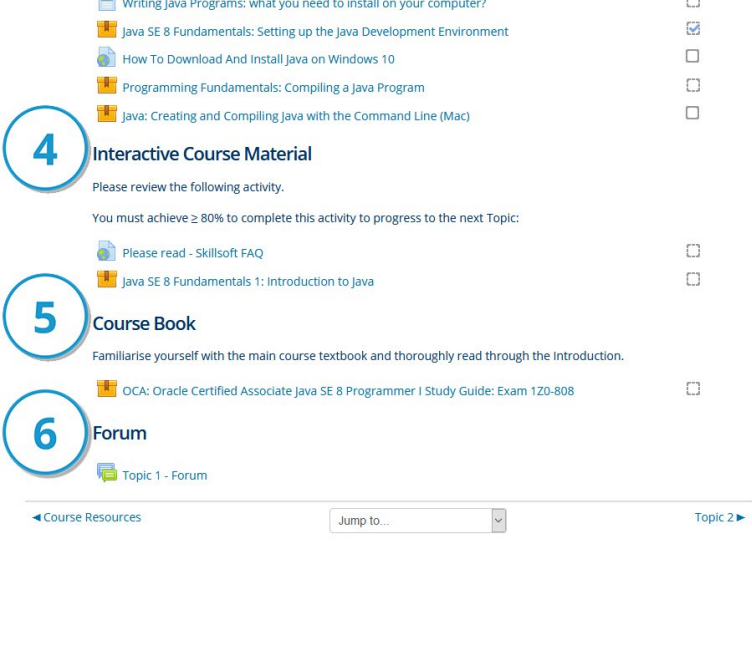


Be social, join the Discussion Forums 

Information on Exams 

Java OCA 8 - Webinars 2020 

Getting Started - Click Here 	Course Resources 	Topic 1 
Topic 2 	Topic 3 	Topic 4 
Topic 5 	Topic 6 	Topic 7 
Topic 8 	Topic 9 	Topic 10 
Appendix A 	Appendix B 	Bonus Topic 
Test Preparation 		Exam Booking 

How to approach the first topic

<p>1</p>	<p>Topic Objectives. Read the topic objectives, which is a list of what you are going to learn in the topic.</p>	 <p>1 Topic Overview Please review the following information.</p>
<p>2</p>	<p>Recorded Live Webinar: Listen to the webinar.</p>	 <p>2 Recorded Live Webinar Please review the following.</p>
<p>3</p> <p>4</p>	<p>Text and Video Tutorials / Interactive Course Materials: Review the interactive tutorial, click to open and click “start course”:</p> <p>Start Course</p> <p>Review the table of contents and complete all parts of the tutorial.</p>	 <p>3 Text and Video Tutorials Please review the following.</p> <p>Compiling and Running a Java Program</p> <ul style="list-style-type: none"> Writing Java Programs: what you need to install on your computer? <input type="checkbox"/> Java SE 8 Fundamentals: Setting up the Java Development Environment <input checked="" type="checkbox"/> How To Download And Install Java on Windows 10 <input type="checkbox"/> Programming Fundamentals: Compiling a Java Program <input type="checkbox"/> Java: Creating and Compiling Java with the Command Line (Mac) <input type="checkbox"/> <p>4 Interactive Course Material Please review the following activity.</p> <p>You must achieve ≥ 80% to complete this activity to progress to the next Topic:</p> <ul style="list-style-type: none"> Please read - Skillsoft FAQ <input type="checkbox"/> Java SE 8 Fundamentals 1: Introduction to Java <input type="checkbox"/> <p>5 Course Book Familiarise yourself with the main course textbook and thoroughly read through the Introduction.</p> <ul style="list-style-type: none"> OCA: Oracle Certified Associate Java SE 8 Programmer I Study Guide: Exam 1Z0-808 <input type="checkbox"/> <p>6 Forum Topic 1 - Forum</p>
<p>5</p>	<p>Course Book: Familiarise yourself with the main course textbook and thoroughly read the recommended chapter(s).</p>	 <p>5 Course Book Familiarise yourself with the main course textbook and thoroughly read through the Introduction.</p>
<p>6</p>	<p>Forum: Review the forums, ask a question of your fellow participants if you wish to transfer knowledge.</p>	 <p>6 Forum Topic 1 - Forum</p>

Once you complete all steps for the topic, you can move to Topic 2 and repeat the process.

eCollege Support

We have a reliable support system in place, and you can contact us via email for any questions or concerns. You can request a phone call if you wish to speak to eCollege.

eTutor

There is an eTutor assigned to your course who is available via email if you have any subject matter related queries. Your eTutor will email you to welcome you to the course. You can also see their contact information on the course homepage.

Administration and Helpdesk

We have a team of administrators who can help with general course questions and technical support.

Technical Requirements

Most eCollege courses will require you to have a Windows PC, especially any Microsoft courses. Other courses may allow the use of an Apple device.

We recommend:

- Dual-core processor
- 4GB of RAM or higher
- The latest up-to-date operating system
- Chrome or Firefox web browser
- Minimum screen resolution of 1024 X 768
- High-speed broadband – we do not recommend the use of mobile dongles

A printer is not required.

Pop Ups

You must enable popups to allow the interactive course material to run. Please add the following URL as an authorised site for popups: <https://ecollege.etbonline.ie/>. Do not turn off popup blockers completely.

How to do this per browser:

- [Chrome](#)
- [Firefox](#)
- [Internet Explorer](#)
- [Edge](#)

eLearning General Information

We are aware that eLearning has its challenges that can prevent you from absorbing the content and the critical aspects of the course.

We are also aware that you may be on-the-go and don't have a lot of time to devote to the eLearning experience.

You can overcome this by engaging your course in bite-sized chunks when you are ready to learn. You should also avoid lengthy study sessions; by doing this, you give yourself the chance to acquire and retain information more effectively.

We also offer the opportunity for peer collaboration through the various discussion forums within the course, where learners can collaborate on the subject matter. If you have a specific issue with the course, we advise you to contact the eCollege team.