



CERTIFICATION SUCCESS GUIDE

DEVELOPER FOR
JAVA™ 2 PLATFORM

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introduction

GET AHEAD, STAY AHEAD

We developed this Certification Success Guide to help you gain visibility for your most valuable asset – your skills. At Sun, we know that the future starts in the minds of the people that take our technologies to the next level. Our future is you, and we're committed to your success.



<http://suned.sun.com/US/certification/>

Java™ technology certification is a valuable, career-building opportunity – and a great way to help you take charge of your career. We're behind you from the start with education, training, and the resources you need to help you reach your certification goals.

Sun Educational Services offers courseware and certification to support you in expanding your career opportunities and creating the systems and applications that fuel the future. Our learning paths provide at-a-glance training and education information, so you know what you need to learn to successfully prepare for exams.



The Benefits of Certification

FOR THE INDIVIDUAL

Becoming certified in Java technology can help you improve your career potential, gain more respect, and increase job security. With certification, you have hard evidence that you're qualified for the tasks that lie ahead, helping you increase your opportunities for professional advancement, such as salary increase, job role modifications, or promotions.

FOR THE CORPORATION

Corporations that employ certified individuals do so to gain a competitive advantage. The skills that are verified during the certification process are the same skills that can help lead to decreased time to market, increased productivity, less system failure, and higher employee satisfaction rates.

Recruiting certified employees and certifying existing employees can lead to a more stable work environment, which in turn can lead to greater success as a whole. When companies demonstrate that they are willing to invest in their employees, those employees can be more productive, more loyal, and are more likely to remain in their jobs.

Certification Requirements Checklist

The Sun Certified Developer for Java 2 Platform is composed of two elements: a programming assignment and an essay exam. Prior to beginning the Sun Certified Developer program, you must be a Sun Certified Programmer for Java Platform (any edition).

You must successfully complete both elements to become certified. The certification details are as follows:

☐ Step 1. Sun Certified Developer for Java 2 Platform – programming assignment.

Available at: My Certification database at

http://suned.sun.com/US/certification/my_certification/index.html

Exam number: none

Prerequisites: Sun Certified Programmer for Java Platform (any edition)

Exam type: Programming assignment

Number of questions: N/A

Pass score: 124 points, subject to the evaluation of the essay exam and validation of the authenticity of the assignment

Time limit: None

Cost: US\$250, or as locally priced

☐ Step 2. Sun Certified Developer for Java 2 Platform – essay exam.

Available at: Authorized Prometric testing centers

Exam number: 310-027

Prerequisites: Submission of the programming assignment

Exam type: Essay

Number of questions: 4

Pass score: N/A (please refer to the score in Step 1 above)

Time limit: 90 minutes

Cost: As locally priced at the time of registration for the essay exam

Exam Preparation

Our courseware offerings provide information to help you pass certification exams and do your job with confidence.

For the Sun Certified Developer for Java 2 Platform, supporting courseware includes:

Object-Oriented Application Analysis and Design for Java Technology

Course Number: 00-226

Duration: 5 days

Delivery: Instructor led

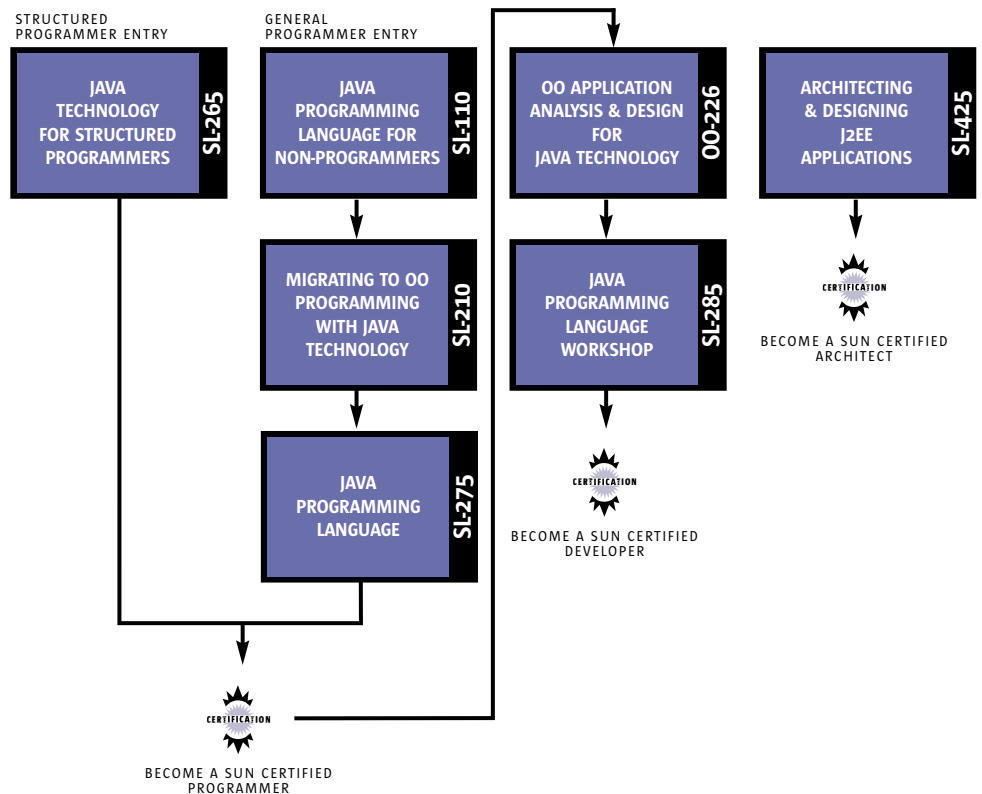
Java Programming Language Workshop

Course Number: SL-285

Duration: 3 days

Delivery: Instructor led

JAVA TECHNOLOGY CERTIFICATION LEARNING PATH



Steps to Certification

1. PREPARE FOR TESTING

Review the exam objectives in this guide to help verify that you have sufficient knowledge to complete them successfully.

2. REGISTER FOR THE PROGRAMMING ASSIGNMENT

When you're ready to register, you can purchase the programming assignment from your local Sun Educational Services office. Within 24 hours, you'll be given permission to download the assignment. To find your local office, please visit <http://www.sun.com/service/suned> and choose the country in which you want to register.

3. DOWNLOAD AND SUBMIT THE PROGRAMMING ASSIGNMENT

Go to My Certification database to download the programming assignment at http://suned.sun.com/US/certification/my_certification/index.html. The assignment is a .jar file that contains:

- An "Introduction and Index" document
- Source code that serves as a starting point for the work to be performed
- A flat text data file that must be converted into the required format for use in the assignment

Once you've completed the assignment, you can submit your work by uploading it to My Certification database at http://suned.sun.com/US/certification/my_certification/index.html.

4. VERIFY THE ESSAY EXAM NUMBER AND REGISTER

After you've submitted the programming assignment and you're ready to register for the essay exam, you can purchase an exam voucher from your local Sun Educational Services office. To find your local office, go to <http://www.sun.com/service/suned> and choose the country in which you want to take the test.

5. CONTACT PROMETRIC TO SCHEDULE YOUR ESSAY EXAM

The exam takes place at authorized Prometric Testing Centers. To register for a convenient date, time, and location, go to <http://www.2test.com> for information on your local Prometric office. In some countries, you may register for the exam online.

6. TAKE YOUR ESSAY EXAM

Before starting the essay exam, you must agree to maintain test confidentiality and sign the Certification Candidate Pre-test Agreement, which can be viewed at <http://suned.sun.com/US/certification/register/policies.html>. If you do not sign the agreement, you will not be allowed to take the exam.

You'll receive your score and a section-by-section assessment of your test performance from the Sun Certification database at http://suned.sun.com/US/certification/my_certification/index.html within three to four weeks. If you do not pass, you may do the assignment again and resubmit it for an additional US\$125 fee (or as locally priced). You will not have to retake the essay exam.

After you've successfully completed all of the certification requirements, you'll receive a Welcome Kit from Sun, which includes a letter of congratulations, a personalized certificate, a lapel pin and a logo license agreement which, once signed, allows you to use the Java Technology logo on your business card. At that time, you might want to start thinking about the next certification in your professional future. To begin preparation, visit <http://suned.sun.com/US/certification/java/index.html> to download the Certification Success Guide for the next certification in your career path.

Testing Objectives

Testing objectives for the Sun Certified Developer for the Java 2 Platform include:

- 1. Write an application program using Java technology. The application requires the following:**
 - a. A graphical user interface demonstrating good principles of design
 - b. A network connection, using a specified protocol, to connect to an information server
 - c. A network server, which connects to a previously specified Java technology database
 - d. A database, created by extending the functionality of a previously written piece of code, for which only limited documentation is available
- 2. List some of the major choices you must make during the implementation of the above.**
- 3. List some of the main advantages and disadvantages of each of your choices.**
- 4. Briefly justify your choices in terms of the comparison of design and implementation objectives with the advantages and disadvantages of each.**