

SL-285

Java Programming Language Workshop

Summary

Duration

5 Days

Vendor

SUN

Introduction

Students who can benefit from this course are programmers already familiar with the basic structure and syntax of the Java programming language and who need to further expand this knowledge to develop complex, production-level applications.

Completing this course also assists individuals preparing for the Sun Certified Developer for the Java 2 Platform examination.

Prerequisites

To succeed fully in this course, students should be able to:

- Develop applications by using the Java programming language
- Understand basic Unified Modeling Language (UML) diagrams
- Understand basic Structured Query Language (SQL) statements
- Understand how to implement interfaces and handle Java programming exceptions
- Use object-oriented programming techniques
- Understand GUI design
- Understand basic Transmission Control Protocol/Internet Protocol (TCP/IP) communication
- Program with sockets or streams

Course Objectives

After completing this course, students will be able to:

- Implement and test a from-the-ground-up program that could be used in a commercial intranet application
- Develop classes to connect programs to SQL database systems by using the core aspects of the Java Database Connectivity application programming interface (API) (JDBC API)
- Apply design patterns to create reusable classes
- Organize and set up the infrastructure to support a Java technology project
- Create two-tier and three-tier Java technology applications
- Create remote objects by using the Java Remote Method Invocation (Java RMI)
- Create a multithreaded server

Associated Certifications & Exams

Upon completion of course SL-425 delegates will receive both a Torque-IT and Sun Microsystems attendance certificate.

Before:

- Object-Oriented Analysis and Design Using UML (OO-226)
- Java Programming Language (SL-275)
- Java Technology for Structured Programmers (SL-265)

After:

- Distributed Programming With Java Technology (SL-301)