

Certificate in

Java Development

PROFESSIONAL DEVELOPMENT

ADVANCE YOUR CAREER POTENTIAL

Learn effective real-world skills and cutting-edge technologies in this new hands-on instructor-led program for application developers. Because Java is a leading programming language for developing small as well as large-scale distributed and Web-based applications, what you learn in these comprehensive classes will advance your career potential with improved opportunities for salary increases, job role changes and promotions.

You begin with an introduction to Java programming language and progress through hands-on practice of advanced skills and techniques as you design, implement, deploy, and maintain secure applications using Java technology components and platform.

You will learn to:

- Program in Java
- Understand the Java architecture, syntax, interface, packages and compiler
- Work with Java Development ToolKit, object-orientated designs and GUI development
- Demonstrate skills in UML, JavaBeans and EJBs
- Understand and work with JDBC, Servlets and other more advanced Java techniques
- Write real-life Java applications

ELIGIBILITY

Before attending this certificate, students must have previous programming experience and be familiar with object-orientated analysis and design.

The Certificate in Java Development consists of two classes totaling 72 hours of lecture and hands-on experience. The certificate graduate will receive 7.2 Continuing Education Units.



Register today at www.csufextension.org or 657.278.2611

For more information, contact Mimi Lawson: 657.278.3313, mlawson@fullerton.edu

Cal State Fullerton
university extended education
www.csufextension.org

THE CLASSES

JAVA DEVELOPMENT – PART I (3.6 CEUs/36 hours)

Prerequisite: programming experience required; familiarity with Object-Oriented analysis/design recommended. Java is a leading programming language used by software engineers and programmers to develop small-scale, Web-based applications and large-scale, distributed applications. This class will provide an introduction to the Java programming language. You will learn the Java architecture, syntax, interfaces, packages, compiler, Java Development ToolKit (JDT), Object-Oriented design concepts and Graphical User Interface development. You will obtain hands-on experience developing a Java application.

JAVA DEVELOPMENT – PART II (3.6 CEUs/36 hours)

Prerequisite: Java Development Part I. This hands-on course will enable students to build on the Java programming skills and explore more advance Java programming concepts and techniques. This course covers multi threading, file I/O, networking, JDBC, Servlets and JavaBeans. You will acquire skills in programming more advance Java techniques such as JavaBeans and EJBs in addition to learning Unified Markup Language (UML). By the completion of this course, you will be able to write real-life Java applications.



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