

Beginning Java Application Development Workshop (TS-345)

Product Description

Product Outline/Details

The Beginning Java Application Development Workshop uses WSAD 5.0 to create Web applications. This five day course is lab-intensive, giving students plenty of hands-on programming time. The workshop paradigm is in place: a lecture on a Java topic is followed by lab time to reinforce what was discussed.

<i>Product ID:</i> TS-345	<i>Duration:</i> 5 days	<i>Price:</i> \$1292.00
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Who Can Benefit

Individuals who understand Java, Servlet, and JSP programming, but need additional practice to reinforce their knowledge and put the “big picture” together.

Prerequisites

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

- Write programs in the Java language
- Write simple Servlets and JSPs
- Understand relational database concepts

Skills Gained

Upon completion of this course, you should be able to:

- Connect to and interact with a relational database using JDBC
- Perform automated unit level testing with JUnit and WSAD
- Develop a complex Web application using Java servlets, JSPs, and the WSAD tool

Course Content

JDBC

- The JDBC API
- Datasources and WSAD
- Connections, Statements, and ResultSets
- DAOs and Value Objects
- PreparedStatement and CallableStatement

Unit Level Testing

- JUnit
- WSAD support for JUnit

Web Development

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- Basic HTML pages
 - Simple Servlets
 - HTML forms and form processing
 - Servlet initialization
 - Using DAOs and Value Objects
 - Model/View/Controller design
 - Java Server Pages
 - Dispatching requests
 - Using attributes in a Web application
 - URL rewriting
 - Using custom tags