Wizards Training Inc.

Java/J2EE Training Course Curriculum
Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm
Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

******Core Java Programming ******

- Introduction to Java and language fundamentals
- Declaration and Access Control
- Operators and Assignments
- Flow control. Exception handling
- Object orientation, Overloading and Overriding, Constructors and Return types
- java. Lang.* -The Math class, String and Wrappers , String Tokenizer
- Collections
- Threads
- Java File I/O
- JDBC

****** JSP & Servlets ******

- MVC Architecture
- Integrating Eclipse with Tomcat web server
- Concept of Servlet , Servlet life cycle
- Request Response Architecture
- A Simple Hello World Servlet , Get Vs POST
- Using Servlet Config, Servlet Context, Request Dispatcher
- Posting HTML form and invoking Servlet
- Session Handling, session timeouts,
- Handling cookies
- Introduction to JSP, JSP life cycle
- How to use scriptlets, JSP action, use Bean tags in code
- Understanding JSP implicit objects.
- Exception handling, Session handling with example
- JSP Authentication, Roles etc.
- Project using Servlets and JSP

******Introduction to Struts ******

- Objectives
- Review: MVC model
- what is Struts?
- Struts flow
- Creating a web application using struts and using Log4j and exploring the . application.

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
Ph: 703-867-7699   Fax: 703-956-6769   training @wizardstraining.net
(Behind Fuddruckers @ Cross Roads of Dulles on Elden Street)

Wizards Training Inc.

Java/J2EE Training Course Curriculum
Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm
Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

******EJB ******

- Integrating Eclipse with BEA Web logic Application server
- Enterprise JavaBeans Communication
- EJB Details
- Session Beans
- Entity Bean

- Message Driven Bean

*****The Details of Writing Beans ******
- EJB Development Overview
- The Enterprise Bean Class
- The Remote Interface
- The Home Interface
- Deployment Descriptors and EJB-JAR files

******Java Message Service (JMS) ******

- The principles of messaging systems
- Features of the Java Messaging Service (JMS)
- Writing a message driven Bean
- Message Driven Bean Clients

******Writing an EJB Client ******

- The steps needed to write an EJB client
- Calling Session bean from a client program
- Calling Entity bean from a client program
- Calling MDB from a client program

******UML and Class Design ******

- Introduction to UML
- Basic class diagrams and UML

******Introduction to ANT******

• Creating Build script using ANT

******XML******

- Concept of XML
- Introduction to DTD and XML Schema
- Introduction to DOM, SAX with examples. Dom Vs. SAX comparison
- Introduction to JAXB with an example

******Web Services, AJAX, Hibernate, Spring******

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
Ph: 703-867-7699   Fax: 703-956-6769   training @wizardstraining.net
(Behind Fuddruckers @ Cross Roads of Dulles on Elden Street)

Wizards Training Inc.

Java/J2EE Training Course Curriculum
Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm
Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

- **Overview of Web Services with an example**
- **Overview of AJAX with an example**
- **Overview of Hibernate and Spring with an examples.**

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
Ph: 703-867-7699   Fax: 703-956-6769   training @wizardstraining.net
(Behind Fuddruckers @ Cross Roads of Dulles on Elden Street)