

TMA Training Center (TTC)

Java Programmer - Course Outline

Item	Remark
Course Objectives	<p>Upon finishing this course, trainees will be able to work in a software development team as they will:</p> <ul style="list-style-type: none"> • Have a thorough understand about software development process • Understand key features of Java programming and practical skills to develop Web applications in Java • Have essential working skills such as team-work, communication, presentation, email writing, problem solving... • Can use English at work
Required Skills/Knowledge	<p>Requisite skills/knowledge</p> <ul style="list-style-type: none"> • Basic object-oriented programming skill • UML • XML • HTML, Java Script
Methodology	<ul style="list-style-type: none"> • Trainee is required to read which chapters in a book of references in advance • Trainer explains key points in class, and then assigns exercises to trainees. • Rate between theory and practice is 1:2
Course Outline	<p>Course format:</p> <ul style="list-style-type: none"> • Lecture • List of topics <ul style="list-style-type: none"> • Introduction to Java: 3 days – 2 hours/day • Servlet & Jsp: 4 days – 2 hours/day • Struts Framework 4 days – 2 hours/day • Exercises on Lab: refer to item "Exercises" • Test/presentation • Discussion • Detail course outline refer to: <ul style="list-style-type: none"> • Topic1-IntroductionToJava-Course Description.doc • Topic2-Servlet and JSP-Course Description.doc • Topic3-Struts-Course Description.doc
Course Slides	<p>Introduction_to_Java.ppt Servlet_and_JSP.ppt Struts_Framework.ppt</p>
Course Demos/Case Studies	TBD
Project Assignment	TBD



Exercises	<ul style="list-style-type: none">• Introduction to Java• Servlet & JSP• Struts
References	<ul style="list-style-type: none">• http://java.sun.com/docs/books/tutorial/• http://courses.coreservlets.com/Course-Materials/csajsp2.html• http://java.sun.com/j2ee/1.4/docs/tutorial/doc/• http://struts.apache.org

