## Java Programmer - Course Outline

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<thead>
<tr>
<th>Item</th>
<th>Remark</th>
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| **Course Objectives** | Upon finishing this course, trainees will be able to work in a software development team as they will:  
- 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** | Requisite skills/knowledge  
- Basic object-oriented programming skill  
- UML  
- XML  
- HTML, Java Script |
| **Methodology**       |  
- 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**    | Course format:  
- Lecture  
- List of topics  
  - Introduction to Java:  
    - 3 days – 2 hours/day  
  - Servlet & J SP:  
    - 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:  
  - Topic 1-IntroductionToJava-Course Description.doc  
  - Topic 2-Servlet and J SP-Course Description.doc  
  - Topic 3-Struts-Course Description.doc |
| **Course Slides**     | Introduction_to Java.ppt  
Servlet_and_J SP.ppt  
Struts_Framework.ppt |
<p>| <strong>Course Demos/Case Studies</strong> | TBD |
| <strong>Project Assignment</strong> | TBD |</p>
<table>
<thead>
<tr>
<th>Exercises</th>
<th>References</th>
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<tbody>
<tr>
<td>• Introduction to Java</td>
<td></td>
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<tr>
<td>• Servlet &amp; JSP</td>
<td>• <a href="http://java.sun.com/docs/books/tutorial/">http://java.sun.com/docs/books/tutorial/</a></td>
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<tr>
<td>• Struts</td>
<td>• <a href="http://courses.coreservlets.com/Course-Materials/csajsp2.html">http://courses.coreservlets.com/Course-Materials/csajsp2.html</a></td>
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<td>• <a href="http://struts.apache.org">http://struts.apache.org</a></td>
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