**XML**

Course Plan

2015 - 16

**Technical Learning Services**

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**Course Objectives**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | XML | **Code** |  |
| **Phase** | Advanced | **Duration (Days @ Hrs)** | 1 d \* 8 hrs. = 8 hrs. |
| **Prerequisites** | | | |
| Participants need to have prior knowledge/skill of | | | |
|          Basic concepts of HTML | | | |
|  | | | |
| **Course Objectives** | | | |
| On completion of the course the learner will be able to : | | | |
|          Able to design well-formed XML. | | | |
|          Able to develop schema for XML. | | | |
|          Able to validate XML against Schema. | | | |
| **Mode of Facilitation and S/W Required:** | | | |
|          ILT, Code Walkthrough and Hands – On. | | | |
|          Eclipse Luna | | | |

**Course Contents**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Main Course Title** | **Sub Topics** | **Concept Types** | **Day** |
| **1** | **Introduction to XML** | * Overview of XML * Well-formed XML * Introduction to XSD * Designing Schema for XML * Applying constraints in schema. * Parser written in Java (Only demo) * **Objective Quiz** | C1,C3 | **Day 1** |

**\*Concept Type**

*C1 - Factual knowledge*: The basic elements that associates must know and understand.

*C2 - Conceptual knowledge*: The interrelationships among the basic elements within a large structure that enable them to function together.

*C3 - Procedural Knowledge*: How to do something; methods of inquiry and criteria for using skills, algorithms, techniques and methods.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Collaterals Details | | | | | |
| Collaterals Deployed | | | | Collateral Available Path | |
| Course presentations | | | |  | |
| Assignments | | | |  | |
| Resources Required | | | | | |
| * Windows 7 and above * Eclipse Luna | | | | | |
| **References** | | | | | |
| * *www.w3schools.com* | | | | | |
| Version History | | | | | |
| # | Date | Created/Changed by | Changes made | | Reviewed by |
| 1.0 | 27-Nov-2015 | Shweta Gandhi | Created | | Uday Bapat  Junaid Shaikh |
| 1.1 | 31-May-2016 | Shweta Gandhi | Modified scope-added parsers demo | | Natraj Marthi |

**Version Info**

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Thank You

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