



XML Fundamentals

Course Length: One Day

Course Content

Lesson 1: XML Basics

Introduction to XML
The evolution of XML
Benefits of XML

Lesson 2: XML Components

Defining an XML document
Document components

Lesson 3: Document Type Definitions

Document modeling and DTDs
Declarations
Document analysis and testing

Lesson 4: Creating and Validating an XML Document

XML Schema
Schema description and components
Creating a schema

Lesson 5: Cascading Style Sheets

CSS and XML
CSS styles

Lesson 6 :XML Transformations

Transforming XML documents
Data transformation

Lesson 7 :Linking in XML

XML Linking Language
Creating links with XLink
Validating XLinks
XML Pointer (XPointer)

Lesson 8 :XML APIs

Introduction to XML APIs
DOM interfaces and objects
Sax versus DOM

Lesson 9 : XML data binding basics

Data binding fundamentals
Integrating XML data sources
Data source objects

Appendix XML authoring tools

XML editors
Integrated development environments
Appendix B Introduction to XHTML
Understanding XHTML
XHTML variants and DTDs
XHTML utilities

