



## Course Content

### Course Description:

In this course you will cover: introduction to valid XML; the minimum structural requirements for XML; document modeling; designing permissive and restrictive DTDs; designing modular DTDs & validating XML.

### Prerequisites:

Windows Level 1; XML Level 1 or equivalent knowledge

### Topics:

#### Introduction to Valid XML

- The History of DTDs
- Minimal Structural Requirements for XML
- Valid XML
- DTD Tools

#### Document Modeling

- The Planning Stage
- How to Model Information
- Permissive and Restrictive Models

#### Designing Permissive and Restrictive DTDs

- Defining Elements
- Attribute List Declaration Data Types
- Additional DTD Syntax

#### Designing Modular DTDs

- Entity Declarations
- Writing Modular DTDs

#### Validating XML

- Automated Validation

#### DTD Syntax