Course Content

Course Description:

In this course you will cover: XML and the rise of schemas; document modeling; how to model information; elements, attributes and complex types; occurrence and identity constraints; data types and facets & schema modularity.

Prerequisites:

Windows Level 1, XML Level 2 or equivalent knowledge

Topics:

XML and the Rise of Schemas

- The World of XML
- DTDs and the Role of Validation
- The Rise of XML Schemas

XML Document and Data Modeling

- The Planning Stage
- Modeling Documents, Data, and the World

Elements, Attributes, and Complex Types

- Schema Namespaces and Documentation
- Complex Type Definitions
- Element Declarations
- Attribute Declarations

Occurrence and Identity Constraints

- Minimum and Maximum Occurrence Constraints
- Schema Keys and Data Uniqueness

Data Types and Facets

- Data Typing and its Importance
- Explicit Simple Type Definitions
- XSD Facets

Scheme Modularity

- Schema Modularity

XSD Schemas Reference