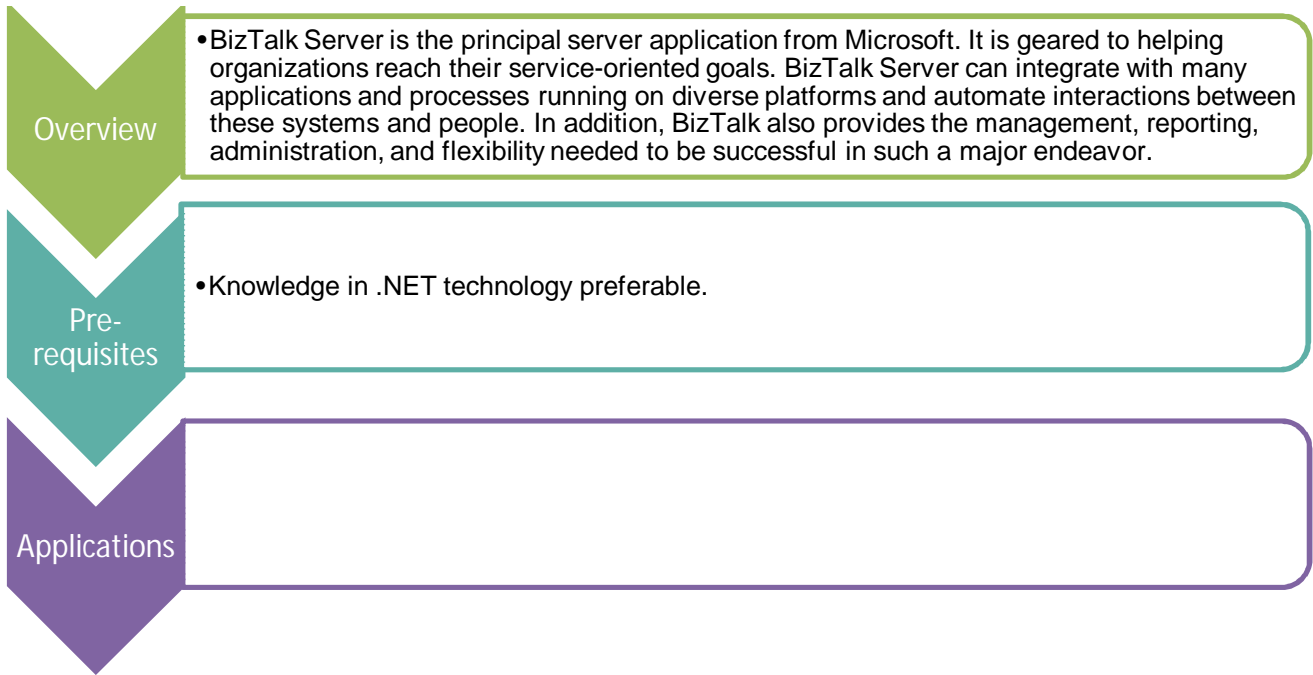




# Course Brochure

## BIZTALK SERVER



## COURSE CONTENTS

### Introduction to BizTalk Server 2009/10

This module describes the BizTalk message processing architecture and identifies the new features and toolsets provided in BizTalk Server 2009/10.

- ❖ What Is BizTalk Server 2009/10?
- ❖ What's New in BizTalk Server 2009/10?
- ❖ The BizTalk Server Development Environment
- ❖ High Level Data Flow of Biztalk Server
- ❖ Biztalk Server Architecture

### Creating Schemas

This module explains how to use BizTalk development tools to create XML and flat-file schemas.

- ❖ Introduction to BizTalk Schemas
- ❖ Schema Properties and Generating Schemas
- ❖ Creating XML and Flat-File Schemas
- ❖ Flat File Wizard
- ❖ EDI Schemas

### Creating Maps

This module explains how to use BizTalk Mapper to create and work with BizTalk maps. Students will learn how to add functoids to a map and how to compile and test a map.

- ❖ Creating a BizTalk Map
- ❖ Configuring Basic Functoids
- ❖ Configuring Advanced Functoids

Describe how maps are used by BizTalk and how to use the BizTalk Mapper to create a map.

- ❖ Manipulate data by using functoids and add functoids to a map
- ❖ Perform advanced mapping operations by using advanced functoids

### Routing BizTalk Messages

This module explains how to enable message routing and how to use BizTalk tools to monitor live and archived message activity.

- ❖ Introduction to Message Routing
- ❖ Configuring Message Routing
- ❖ Configuring Receive and Send Ports
- ❖ Tracking Message Activity

### Creating a BizTalk Orchestration. Integrating with Adapters & HAT

This module explains how BizTalk orchestration services work and shows how to create a BizTalk orchestration. Students will also learn how to use debugging tools to monitor a running orchestration. Accessing Error messages and Debugging Orchestration. This module explains how to configure common adapters to enable BizTalk integration

## COURSE CONTENTS

- ❖ Introduction to BizTalk Orchestration
- ❖ Building an Orchestration
- ❖ Introduction to BizTalk Adapters
- ❖ Configuring a BizTalk Adapter
- ❖ Monitoring Orchestrations
- ❖ Using Health and Activity Tracking tool
- ❖ Debugging Orchestration

### Integrating with .Net Assemblies, Web Services and Using Property Schemas

This module explains how to consume a Dot Net Assembly and Web services from an orchestration

- ❖ Introduction to .Net Assemblies & Web Services Integration
- ❖ Consuming a .Net Assembly & Web Service
- ❖ Using an Orchestration with .Net Assembly and Web Service

### Using Envelope Schemas & Creating Pipelines

This module explains how to create and configure receive pipeline for processing Bulk messages.

- ❖ Creating Envelope Schema
- ❖ Introduction to Pipelines
- ❖ Building a Pipeline

### Integrating Business Rules

This module explains how to configure business rules and how to call a business rule from within an orchestration.

- ❖ Introduction to Business Rules
- ❖ Integrating Business Rules

### Using Parallel Actions, Correlation sets, Exception Handling and Compensation Blocks etc..

- ❖ WCF and Biztalk
- ❖ Using WCF line of Business Adapters to connect to different applications
- ❖ ESB and Biztalk
- ❖ EDI messaging in Biztalk
- ❖ Transactions in Biztalk
- ❖ Scaling of Biztalk environment
- ❖ Hands on for each concept

