

Microsoft Visual Studio & Team Foundation Server

2010 Empower your Team

Course Name

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Course Description

Empower your entire team to get a clear picture of Team Foundation Server and Test & Lab Manager. This is an overview of the products and roles within Team Foundation Server and Visual Studio 2010. Explore how the roles work together and unveil the architecture. You will learn how to manage project artifacts including requirements, tasks, test cases and bugs using work items. Learn how builds can integrate with unit tests and static code analysis, as well as the value of a continuous integration build. Discuss change sets associated to builds and build quality indicators.

Course Duration

3 Days (24 training hours)

Course Topics

1. Visual Studio 2010 and Team Foundation Server 2010
2. Install and Configure Team Foundation Server 2010
3. Customization Process Template
4. Source Control Features
5. Modeling, Unit Testing and Code Analysis
6. Team Builds and Release Management

Audience

Ideal attendees should have:

1. Familiar with any high level programming language
2. Familiar with Project Lifecycle Management

Course Outline

Day	Module	Topics	Remarks
Day 1	Overview and Getting Started	<ul style="list-style-type: none">- VSTS 2010 Overview- Fast Zoom on VSTS 2010 new features- Project Lifecycle Management	
	Install and deploy	<ul style="list-style-type: none">- Installation Planning- Stand Alone Installation- Configuration Options- Process Customization	
Day 2	Source Code Control	<ul style="list-style-type: none">- Introduction- Advanced Topics	
	Unit Testing	<ul style="list-style-type: none">- Test-Driven Development and Unit Testing- Unit Testing Web Apps- Managing and Testing Databases with Visual Studio Team Edition for Database Professionals- Functional Testing of Web Apps- Load Testing	
Day 3	Modeling	<ul style="list-style-type: none">- Distributed System Designer	
	Code Analysis	<ul style="list-style-type: none">- Dynamic Code Analysis- Static Code Analysis	
	Team Build	<ul style="list-style-type: none">- Team Build	