



BUILDING TRAINING SOLUTIONS  
FOR THE IT WORLD

## Implementing and Administering Microsoft Visual Studio 2008 Team Foundation Server

**Days:** 5  
**Format:** Instructor-Led  
**Certification Exams:** None  
**Certification Track:** None

### Recommended Course Sequence

Knowledge of prerequisites  
noted below.

*Course content is subject to change  
without notice.*

### Course Description:

Elements of this syllabus are subject to change. This two-day instructor-led course provides students with the knowledge and skills to implement and administer Microsoft Visual Studio 2008 Team Foundation Server. The course focuses on installation and configuration details, team projects, work items, version control, Team Build, and reporting. Course #6215A can be offered as a standalone module or with the survey course, #6214A. The two courses combined would make it a five day ILT.

### Target Student:

This course is intended for experts who install, configure, and manage Microsoft Team Foundation Servers and Team System projects. The intended audience for the course work either as a team leader or server administrator in an enterprise development organization.

### Prerequisites:

The target audience is expected to meet the following prerequisites:

- VS 2008 Team System 200 level knowledge and skills.
- Familiarity with VSTS SKU's and basic features or with concepts taught in Course# 6214A.
- Experience using Virtual PC software, Visual Studio IDE, Windows SharePoint Services 2.0, and SQL Reporting Services.
- Proficiency using Microsoft Windows operating system.
- Experience with previous versions of Microsoft Visual Studio.
- Some experience with a .NET language (VB.NET/C#).
- Experience working in a software development team.

### Delivery Method:

Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

### At Course Completion:

After completing this course, students will be able to:

- Install and configure Microsoft Team Foundation Server.
- Administer Team Foundation Server and team projects.
- Customize process templates and work items.
- Configure Team Foundation Server version control.
- Administer a Team Build.
- Describe the architectural components and management of team project reporting.








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## Course Outline












### Module 1: Installing and Configuring Microsoft Team Foundation Server (TFS)

This module explains how to install and configure Microsoft Team Foundation Server (TFS). The module also provides an overview to the basic concepts of TFS.

Lessons	
	Planning a TFS Deployment
	Planning a TFS Installation
	Installing TFS
	Validating Installation
	Configuring TFS Components
Lab : Administering TFS Instances and Team Projects	
	Installing TFS
	Verifying TFS Installation

### Module 2: Administering Team Foundation Server Instances and Team Projects

This module explains how to manage instances, users and groups, team projects, administration, and security in Team Foundation Server.

Lessons	
	Managing a TFS Instance
	Managing Team Projects
	Configuring Authorization and Security for TFS
	Managing TFS Users and Groups
	Managing TFS Health and Availability
	Selecting a Disaster Recovery Plan for TFS
Lab : Administering TFS Instances and Team Projects	
	Creating Project Groups
	Creating a Project
	Authorizing Access to a Project
	Securing SharePoint Services
	Securing SQL Server Reporting Services

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## Module 3: Administering and Customizing Process Templates

This module explains how to customize process templates and work items.

Lessons
<ul style="list-style-type: none"><li>■ Managing Methodology Templates</li><li>■ Managing Process Guidance</li><li>■ Administering Process Templates</li><li>■ Creating Work Item Query Language (WIQL) Queries</li><li>■ Modifying Work Item Types</li><li>■ Modifying a Work Item Type Workflow</li></ul>
Lab : Customizing Process Templates
<ul style="list-style-type: none"><li>■ Exploring an Existing Process Template</li><li>■ Customizing a Process Template</li><li>■ Customizing Work Item Types</li></ul>

## Module 4: Administering Team Foundation Server Version Control

This module explains how to configure TFS version control.

Lessons
<ul style="list-style-type: none"><li>■ Setting up Team Foundation Version Control</li><li>■ Working with Team Foundation Version Control</li><li>■ Advanced Functionality of Version Control</li><li>■ Team Foundation Version Control Extensibility</li></ul>
Lab : Administering TFS Version Control
<ul style="list-style-type: none"><li>■ Determining Requirements for Migration to TFS Version Control</li><li>■ Migrating Visual SourceSafe Projects</li><li>■ Configuring Version Control Security</li></ul>

## Module 5: Administering Team Foundation Build

This module explains how to administer Team Foundation Build.











Lessons
<ul style="list-style-type: none"><li>■ Introducing Team Foundation Build</li><li>■ Configuring Team Foundation Build Definitions</li><li>■ Running a Team Build</li><li>■ Extending Microsoft Team Build</li></ul>
Lab : Administering a Team Build
<ul style="list-style-type: none"><li>■ Create a Continuous Integration Build</li><li>■ Create Scheduled Build</li><li>■ Extend Team Build Using the Team Build API</li></ul>

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## Module 6: Managing Team Project and Reporting

This module explains how to manage and create team projects. It also describes the architectural components of reporting, best practices for template design reporting, and the troubleshooting exercise.

Lessons	
	Overview of Reporting
	Architectural Components of Reporting
	Process Template Design for Reporting
	Managing Reports
	Creating Custom Team System Reports
	Troubleshooting the Data Warehouse
Lab : Managing Team Project and Reporting	
	Creating the Report Server Project
	Creating the Data Retrieval Query for the Report
	Designing the Report Layout
	Deploying the Team Project Report