Visual Studio® 2008 Team Foundation Server

Understanding and Administering Microsoft® Team Foundation Server

- Customize work item definitions to support an agile software process in Team Foundation Server
- Create and modify work items
- Understand how to administer and manage Team Foundation Version Control
- Create, execute, and modify custom build scripts for Team Build

This course covers the major components of Visual Studio® 2008 Team Foundation Server. Learn how to build your organization's software process into Team Foundation Server by modifying the out of the box process templates for MSF for Agile Software Development and MSF for CMMI® Process Improvement. This course covers version control, reporting, automated build, work item tracking, and project management.

Who Should Attend

This course is designed for individuals responsible for source control, project management, build administration, and reporting.

Bonus computer lab supplied for this course.

Make it a shared learning experience. You may choose to partner with a teammate while using the computer lab.

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2 DAYS — $1,495

Team System Overview
Development challenges and features
Role-based approach
Packaging
Team Foundation security settings
Groups, permissions, and supporting services
LAB

Team Projects and Process
How process is integrated with Visual Studio® 2008 Team System
MSF for Agile Software Development and CMMI® Process Improvement

Team Project Security
TFS security review, team project security, supporting services, and version control security
LAB

Project Management and Work Items
Work item tracking system
Creating custom work item queries
Work item integration with Microsoft Project and Microsoft Excel
LAB

Version Control
Architecture overview
Integrated and atomic check-in
Parallel and remote development
Check-in notes, notification, and policy
LAB

Advanced Version Control
Shelving, branching, and merging
Multiple solutions and common admin tasks
LAB

Build Process
Team build architecture
Creating build scripts
Executing builds and command-line tasks
Running Web tests
Scheduling builds
Continuous integration

Modifying Work Item Definitions
Changing work item definitions on live projects
Adding workflow and controlling field access
LAB

Modifying Process Templates
Modifying document templates, work items, and MS Project synchronization
Using custom processes with team projects
LAB

Planning Deployment
Logical architecture
Server deployment architecture
Common administrative tasks
Building reports
LAB

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Microsoft® Visual Studio® 2008 Team System Training

These are Hands-on Courses. Bonus computer labs supplied.

SQE Training and Notion Solutions, Inc., are partnering to provide training and consulting services for Microsoft® Visual Studio® 2008 Team System tools. Notion Solutions, Inc. is a Microsoft Certified Partner and has extensive knowledge and experience working with the new tools. Join us to learn how these new sets of tools help development teams communicate and collaborate more effectively, therefore improving your software development lifecycle.

Instructors

Chris Menegay is a Principal Consultant for Notion Solutions, Inc. He has been helping clients develop business applications for more than ten years. Chris works with customers to help with Team System adoption, deployment, customization and learning. In his role with Notion Solutions, Chris has written Team System training for Microsoft that was used to train customers using the beta versions of Team System. Chris holds his MCSD.NET & MCT certification and is a member of the Microsoft South Central District Developer Guidance Council. Chris is a Team System MVP, a Microsoft Regional Director and a member of the INETA speaker's bureau.

Dave McKinstry is a Principal Consultant and trainer with Notion Solutions, Inc. He has been leading clients in .NET architecture and development projects since the initial beta release of Visual Studio.NET. Since joining Notion Solutions in 2005, Dave has focused on assisting clients with their adoption of Visual Studio Team System. With over 15 years in the industry, Dave's experience includes leading clients through .NET Architecture, .NET application development, BizTalk Server solutions, SharePoint, SQL Reporting Services and almost anything .NET related. He was one of the first individuals recognized by Microsoft as a Most Valuable Professional (MVP) for Team System and holds his MCSD.NET and VB6 certifications.

Testing applications with Visual Studio® Team System 2008

Manage Lifecycle Testing

- Find out how to analyze build reports delivered within agile development teams
- Understand how to create and manage a variety of tests using the testing tools in Visual Studio® 2008 Team System
- Learn how to enter and edit defects using work item tracking
- Become familiar with Team Foundation Version Control, where all tests are stored and historical changes are tracked

This course provides hands-on experience with all the Team System testing functions including: defect reporting, defect tracking, and manual test creation, as well as execution of manual, Web, load, and unit tests. It covers how to utilize reporting features and create quality reports used to analyze the status of projects.

The testing portion of this course is taught using a shared Team Foundation Server. The testing aspects utilize Visual Studio Team System 2008 Test Edition.

Who Should Attend
This class is intended for those individuals responsible for the QA and testing roles in the software development lifecycle.

Bonus computer lab supplied for this course.

Make it a shared learning experience. You may choose to partner with a teammate while using the computer lab.

2 DAYS — $1,495

Overview
Team System overview
Development challenges and features
Role-based approach
Packaging
LAB

Introducing Visual Studio® 2008
Brief history/overview
Introducing the user interface
Developing solutions
LAB

Team Projects and Process
How process is integrated with Visual Studio Team System
Overview of MSF for Agile Software Development and for CMMI® Process Improvement

Project Management and Work Teams
Work item tracking system
Working with items
Creating custom work item queries
Work item integration with Microsoft Project and Microsoft Excel
LAB

Version Control
Architecture overview
Integrated and atomic check-in
Parallel and remote development
Check-in notes, notification, and policy
LAB

Unit-Tests
Test driven development, unit testing, code coverage
LAB

Quality Assurance and Testing
Testing, test manager, writing manual tests, executing manual tests, reporting defects
LAB

Web Testing
Creating and executing Web application and Web services tests
Using extraction and validation rules
Test run configurations and data-driven Web tests
LAB

Load Testing
Creating and executing Web application and service load tests
Using the load agent
Analyzing results
LAB

Build Process
Analyzing test results, working with build reports

Looking to the Future
Evolution of tools in the next release of Visual Studio Team System

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ON-SITE TRAINING

- Small groups—Focused training allows your team members to receive individual attention and to ask plenty of questions. Class sizes can range from 6–25 people.
- Eliminate travel—Save training and travel dollars.
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Microsoft® Visual Studio® 2008 Team System Training

Visual Studio® 2008 Team Foundation Server

March 10–11, 2008	*San Francisco, CA*
May 19–20, 2008	*Boston, MA*

Testing Applications with Visual Studio® Team System 2008

March 12–13, 2008	*San Francisco, CA*
May 21–22, 2008	*Boston, MA*

On-site Training Available

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Training Course Schedule

7:30 a.m. - 8:30 a.m.	Registration (on first day of course)
8:30 a.m. - 12:00 p.m.	Course
12:00 p.m. - 1:00 p.m.	Lunch
1:00 p.m. - 5:00 p.m.	Course

Satisfaction Guarantee: SQE Training is proud to offer a 100% satisfaction guarantee. We are committed to providing you with the highest quality education and training products. If we are unable to satisfy you, we will gladly refund your registration fee in full.

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Cancellation Policy: Attendee substitutions are permitted. Registrants who fail to attend are subject to the full fee if they have not obtained a cancellation code from SQE Training at least six business days prior to the event start date. To obtain a cancellation code, call 904-278-0524 or 888-268-8770.

Register Early: The number of students per course is limited, and many courses fill to capacity. Register early to ensure your space in your preferred course.

Forms of Payment Accepted:
- Visa, MasterCard, or American Express
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Confirmation: After payment, you will receive a confirmation notice containing course details (e.g., hotel, accommodations). Please bring the letter to the course for admittance.

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