

**FALL 2009**

# Microsoft® Visual Studio® 2008 Team System Training



***Give Your Team the Advantage!***

## ***Hands-on Courses***



[www.SQETraining.com](http://www.SQETraining.com)

### **Visual Studio® 2008 Team Foundation Server**

September 21–22, 2009 Chicago, IL

October 19–20, 2009 Washington, DC

### **Testing Applications with Visual Studio® Team System 2008**

September 23–24, 2009 Chicago, IL

October 21–22, 2009 Washington, DC

In cooperation with:



## **On-site Training Available**

*For additional savings, bring this course to your organization for team training.*

# 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.**

*CMMI® is a registered trademark of Carnegie Mellon University.*

**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

[www.sqetraining.com/vfs](http://www.sqetraining.com/vfs)

# 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

## Managing 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.

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**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

**Looking for ways to save training and travel dollars?  
Consider the on-site advantages:**

- Train your team at your location
- Develop the talent already on your team and increase employee productivity
- Schedule training around your current projects
- Focus training on your team's challenges in a small group environment
- Implement best practices and dramatically improve your business processes
- Customize course content to meet your company's business needs
- Receive expert instruction from consultants with years of real-world experience

If you have six or more people to train, consider the advantages of on-site instruction.



*For additional information  
or to receive a FREE quote,  
call 888.268.8770/  
904.278.0524, or email  
onsitetraining@sqe.com.*



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System 2008

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*For additional  
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## EASY TO REGISTER



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### ON-SITE TRAINING

For more information about on-site training courses, contact SQE Training at 904.278.0524 or 888.268.8770 or email [onsitetraining@sqe.com](mailto:onsitetraining@sqe.com).

#### Training Course Fee Includes\*\*

- Tuition
- Course notebook
- Reference book (if applicable) *Textbooks are distributed for public courses only.*
- Refreshment breaks
- Breakfasts and lunches
- Certificate of completion

*\*\*\$39 of your registration fee includes a one-year digital subscription to Better Software magazine. If you are a current subscriber, your subscription will be extended an additional 6 issues.*

#### 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.

**Public Training Policies:** SQE Training reserves the right to make changes in course schedules, dates, locations, and accommodations. We will make every effort to notify students within a reasonable period of time. However, SQE Training is not responsible for personal travel, accommodations, or other incidental expenses in connection with changes to a course.

**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 14 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
- Check or company purchase order is accepted. However, payment must be received before course registration is confirmed.

**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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