

Kurs-Dokumentation



Zentrum für Informatik ZFI AG

Microsoft Visual Studio Team System (NVTS-0311) -IT Ausbildung nach Mass

<http://www.zfi.ch/NVTS-0311>

Weitere Infos finden Sie unter www.zfi.ch oder via Adresse:

**Zentrum für Informatik ZFI AG
Zentralsekretariat
Technoparkstrasse 1
CH-8005 Zürich
Telefon: 044 732 40 00
Telefax: 044 732 40 09**

Zürich, Basel, Bern, Zürich, Schweiz

Titel	Microsoft Visual Studio Team System
Untertitel	Optimizing the Software Development Lifecycle
Einleitung	This three-day instructor-led course provides students with the knowledge and skills to manage source control management, a configurable build process, tools that aid in test driven development, and process workflow all integrated directly into Visual Studio 2008. By the end of the course, developers are equipped to use test-driven techniques and proven software processes to create high-quality software with a minimal change in overall effort.
Ihr Nutzen	<ul style="list-style-type: none"> - Describe integrated Application Life-Cycle Management (ALM) and how Visual Studio Team System 2008 aids the ALM process. - Identify the components of Visual Studio Team System architecture and how these are used to improve collaboration and increase the overall efficiency of the team development process. - Describe project management tools available in Visual Studio Team System. - Describe the Developer and Architect tasks in Visual Studio Team System 2008. - Describe MSBuild architecture and customize Team Build. - Access Version control and use branching and merging effectively. - Describe tools used for performance and code analysis. - Describe tools used for performance and code analysis.
Voraussetzungen	Before attending this course, students must have: Experience and familiarity with process methodologies such as Microsoft Solutions Framework (MSF). Familiarity with diagramming implementations, High-level database design, Distributed systems design, Business requirements analysis. Experience in using source code versioning control tools, bug reporting, tracking, analysis tools, and possibly a unit testing suite. Experience in using source code versioning control tools, bug reporting, tracking analysis tools, and possibly a unit testing suite. Experience with Visual studio 2003 or Visual Studio 2005 or Visual Studio 2008 and some knowledge of Visual Basic. NET or Visual C# code. Gute Englisch-Kenntnisse, da die Kursunterlagen in Englisch verfasst sind. Die Kurssprache ist deutsch.
Teilnehmerkreis	This course is intended for Enterprise IT Staff who actively participate in software development projects. They participate in specification, design, coding, testing or project management
Unterlagen	Original Microsoft-Kursunterlagen
Folgekurse	Implementing and Administering MS Visual Studio Team Foundation Server (NTFS/6215)
Inhalt	<ul style="list-style-type: none"> - Overview of Application Lifecycle Management - Introduction to Application Lifecycle Management - Introduction to Team Development Features in Visual Studio Team System 2008 - Introduction to ALM Scenarios Supported by Visual Studio Team System <ul style="list-style-type: none"> - Using Visual Studio Team System in a Team - Introduction to Visual Studio Team System Architecture

- Using Visual Studio Team System in a Team
 - Overview of Project Management
 - Overview of Microsoft Solution Framework (MSF)
 - Overview of Project Planning
 - Overview of Process Guidance
 - Overview of Process Customization
 - Overview of Work Items
 - Overview of Project Portal

- Designing and Developing a Software Solution in Visual Studio Team System
 - Creating and Implementing a Class diagram
 - Managed Code Analyses Using Database Schema
 - Implementing a unit test

- Introduction to Version Control in Parallel Development
 - Overview of MSBuild architecture
 - Customizing Team Build
 - Integrating Testing in Visual Studio Team System

- Introduction to Version Control in Parallel Development
 - Introduction to Version Control Locking Models
 - Overview of Branching, Differencing and Merging

- Introduction to Advance Analyzing Tasks
 - Overview of Performance Analysis Tools
 - Overview of Code Analysis Tools
 - Overview of Unit Testing
 - Overview of Performance Profiling Tools

- Overview of Testing in Visual Studio Team System
 - Overview of Developing Web Tests
 - Overview of Running Web Tests
 - Overview of Developing Load Tests
 - Overview of Interpreting Test Results
 - Overview of Test Case Development

Beitrag

Der Teilnehmerbeitrag versteht sich rein netto. Das ZFI ist (gemäss MwSt-Gesetz) nicht Mehrwertsteuerpflichtig und erhebt somit keine MwSt. Bei länger als einen Monat dauernden Lehrgängen ist die Zahlung des Teilnehmerbeitrages in mehreren Raten möglich (pro rata temporis).

Bildungsweg Visual Studio .NET

