

Optimizing the Software Development Lifecycle with Microsoft Visual Studio Team System

Course 2631

At Course Completion

After completing this course:

- Students in each job role will be able to describe how Visual Studio Team System supports their job roles through the tracks of the software development life cycle.
- Project managers will be able to plan an application development project using Visual Studio Team System tools.
- Infrastructure and solution architects will be able to design an application using Visual Studio Team System tools.
- Developers will be able to develop application code using Visual Studio Team System tools.
- Testers will be able to stabilize application code using Visual Studio Team System tools.
- Solution architects will be able to create an application deployment package using Visual Studio Team System tools.

Course Outline

Unit 1: Introduction to Visual Studio Team System

This unit provides an overview of the software development lifecycle and the Visual Studio Team System tools that support each job role through the tracks of the software development lifecycle. The unit also details the workshop-wide scenario that provides the context for lab activities.

Unit 2: Setting Up an Application Development Project

This unit provides an overview of the planning track (project setup) of a software application development project. The unit also describes the key tasks that the project managers perform during the planning track by using Visual Studio Team System tools.

Unit 3: Designing an Application

This unit provides an overview of the planning track (design) of a software application development project. The unit also describes the key tasks that the infrastructure architects and solution architects perform during the planning track by using Visual Studio Team System tools.

Unit 4: Building an Application

This unit provides an overview of the building track of a software application development project. The unit also describes the key tasks that the developers perform during the building track by using Visual Studio Team System tools.

Unit 5: Stabilizing an Application

This unit provides an overview of the stabilizing track of a software application development project. The unit also describes the key tasks that the testers perform during the stabilizing track by using Visual Studio Team System tools.

Unit 6: Deploying an Application

This unit provides an overview of the deployment track of a software application development project. The unit also describes the key tasks that are performed in this track by using Visual Studio Team system tools.

For more information please Microsoft website on this link:

<http://www.microsoft.com/learning/syllabi/en-us/2631afinal.msp>