



Advanced Web Application Technologies with Microsoft Visual Studio 2005

M2544

2 day

Overview :

Elements of this syllabus are subject to change.

This two-day instructor-led workshop provides students with the knowledge and skills to develop Microsoft ASP.NET 2.0 Web applications using Microsoft Visual Studio 2005. The workshop focuses on advanced user interfaces, Web site functionality, and implementation details using the advanced features of ASP.NET 2.0 and Visual Studio 2005.

Target Audience :

This workshop is intended for corporate or independent software vendor (ISV) application developers who have a desire to learn more about specific technology areas in Web application development.

At the end of the course, delegates will be able to:

- Build dynamic Web applications.
- Create controls for Web applications.
- Optimize Web applications.
- Build customizable Web applications.
- Build Web Part pages and Web Parts.

Course Content :

Unit 1: Building Dynamic Web Applications

- Dynamic Control Creation
- Localization and Globalization
- Dynamic Master Pages
- Dynamic Web Configuration

Unit 2: Creating Controls for Web Applications

- User Controls
- Custom Web Server Controls
- Composite Web Server Controls
- Templated Controls

Unit 3: Optimizing Web Application Performance

- The Page Scripting Object Model
- Tracing and Instrumentation in Web Applications
- ASP.NET 2.0 Caching Techniques
- Asynchronous Processing in Web Applications
- Web Farm Development Considerations

Unit 4: Implementing Personalization and Themes in Web Applications

- ASP.NET 2.0 Personalization Features
- Theme Support in ASP.NET 2.0

Unit 5: Building Web Part Pages and Web Parts

- What Is a Web Part?
- What Is a Web Part Page?
- Connected Web Parts

Course Prerequisites :

Before attending this workshop, students must:

- Have attended or studied Workshop 2543A, Core Web Application Technologies with Visual Studio 2005, or possess equivalent knowledge and skills.
- Know how to use delegates and events.
- Know how to improve the security of .NET Framework 2.0 applications.
- Be able to use instrumentation in code.

Testing and Certification :

Follow on Courses :

Further Information :

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For more information, or to book your course, please call Global Knowledge Denmark
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