
ASP.NET and the .NET Framework – level 1

National Competency Standard (ICA05):
ICAA5141B Design dynamic websites to meet technical requirements



Objectives

This two-day course provides an introduction to developing web applications with .NET. Students will learn how to use the .NET IDE to develop dynamic web sites with ASP.NET and Web Forms Controls.

Pre-Requisites

ASP programming experience is required. Some knowledge of Object-oriented programming would be very helpful.

Duration

Two days.

Optional Assessment

This is a nationally recognised training program. Participants who successfully complete the optional assessment component of this course will receive a Statement of Attainment for the unit of competency outlined above (additional fee applies). Participants who choose not to be assessed will receive a Certificate of Attendance. The case study assignment is completed in the participant's own time.

Course Content

The Evolution of Application Development

- Introducing Web Development
- A Brief History of Business Computing
- The Internet and the World Wide Web
- Pulling Together Business Computing and the World Wide Web
- Distributing the Work

The .NET Platform

- .NET Motivations
- .NET Initiative Results
- .NET Servers
- The .NET Framework
- Working in a .NET Development Environment

Working with the Visual Studio .NET IDE

- Introduction
- Starting Visual Studio .NET
- Changing Options
- Windows and Tabs
- Creating a New Project

Introduction to ASP.NET

- A Review of Classic ASP
- ASP.NET Web Applications
- Rendering HTML with Server Controls
- Using ASP.NET to Deliver XML Web Services

Working with Web Forms Controls

- Introduction to Web Forms Controls
- Simple Input Controls
- HyperLinks and Button Controls
- List Controls