

# Course Outline



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## Mastering ASP 3

### Course Description:

This course is aimed at anyone building dynamic Web sites, for e-commerce and other uses. The course covers creating dynamic, easy-to-maintain, professional sites using ASP and a host of related technologies such as VBScript, JavaScript, ADO and XML. Delegates will be introduced to Relational Databases, VBScript, Jscript, Dynamic HTML and XML within the course, but will benefit from attending specialist courses in these subjects to build on the skills developed during this course.

### Pre-requisites:

Delegates should have previous experience of HTML Web Authoring to the level provided by the PTR Web Authoring Course and have some programming experience to the level provided by the PTR Programming Primer or PTR Programming Technologies Primer courses.

### Course Content:

- **Basic Active Server Pages**
  - Behind the Scenes-How Active Server Pages Work
  - Introduction to IIS
  - ASP Requirements
  - HTML Basics
- **Intrinsic ASP Objects**
  - The Response Object
  - The Request Object
  - The Application and Server Objects
  - The Session Object

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- **Writing Server-side Code**
  - Introduction to VBScript
  - Introduction to JScript
  - The Scripting Dictionary Object
  - File Access with ASP
  - Debugging ASP and Error-Handling
- **Using Components**
  - The Browser Capabilities Component
  - Other ASP Components
  - Sending and Receiving Email with ASP
- **Accessing Databases with ASP and ADO**
  - Introduction to Relational Databases and SQL
  - Introduction to ADO
  - Accessing Data with ADO
  - Controlling Transactions in ASP
- **ASP Applications**
  - Introduction to ASP Applications
  - State Maintenance in ASP Applications
  - Controlling Access and Monitoring
  - Planning Applications
- **Advanced ASP**
  - Client-Side Scripting
  - Build Your Own Components
  - Automating Active Server Pages
  - Efficiency and Scalability
- **Beyond ASP**
  - Other Operating Systems
  - Using XML/XSL with ASP

**Course Duration:**

**5 Days**

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