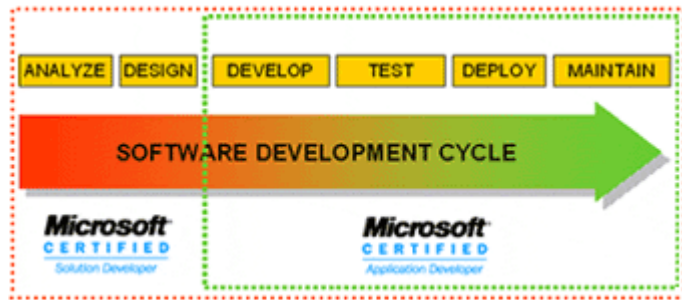




OXFORD  
IT TRAINING ACADEMY



### Description

The Microsoft Certified Application Developer (MCAD) credential provides industry recognition for professional developers who build powerful applications using Microsoft Visual Studio® .NET and Web services. Responsibilities include implementing requirements, developing, testing, deploying and maintaining department-level applications components, Web or desktop clients, or back-end data services by using Microsoft tools and technologies.

### Audience

The MCAD certification is appropriate for Programmers, Analysts, Software Engineers, Software Application Specialists and Application/Software Developers.

### Prerequisites

The MCAD credential is appropriate for professionals who use Microsoft technologies to develop and maintain department-level applications, components, Web or desktop clients, or back-end data services, or work in teams developing enterprise applications. To earn the MCAD credential, candidates are expected to have one to two years of relevant work experience, or the equivalent in these functions.

### Certification Track

For more information on the specific courses offered in the MCAD Certification track, please refer to the certification track chart below.

### Acquired Skills

The MCAD certification allows developers to show they have the skills necessary to successfully implement functional specifications and build, deploy, and maintain Microsoft Windows® and Web applications. Demonstrate that you have the ability to successfully implement Microsoft business solutions for your organization or client.

### Requirements

Microsoft Certified Application Developer (MCAD) on Microsoft Windows® 2000 candidates are required to pass two core exams (one Web or Windows Application Development and one Web Services and Server Components) and one elective exam that provides proof of expertise with a specific Microsoft server product. NOTE: The exams required to earn the MCAD for Microsoft .NET credential are a direct subset of the exams required for the MCSD for Microsoft .NET credential. You will earn the MCAD on your way to earning the MCSD.

Click [here](#) for a complete list of MCAD certification and elective requirements from Microsoft.

### Getting Prepared

To start getting prepared for the MCAD credential, Microsoft recommends that you gain experience with the Visual Studio .NET product and become familiar with developing applications and services in this environment. Microsoft recommends the following four steps:

- Become familiar with the programming language(s) you want to use.
- Learn to use the Microsoft .NET Framework.
- Learn to develop Web or Windows applications that leverage the Microsoft .NET platform and utilize Web services.
- Learn to create and publish Web services.



OXFORD  
IT TRAINING ACADEMY

For more information on the MCAD credential go to: [www.microsoft.com/mcad](http://www.microsoft.com/mcad).

### Learning Path to Microsoft MCAD

- Web or Windows Application Development Core Exam Choices
- Must choose 1 exam from this group:
  - Course 2373, Programming with Microsoft Visual Basic .NET (5 days)
  - Course 2310, Developing Microsoft ASP .NET Web Applications Using Visual Studio .NET (5 days)
- 70-305 (using Visual Basic .NET)
  - Course 2389, Programming with Microsoft ADO.NET (3 days)
  - Course 2310, Developing Microsoft ASP .NET Web Applications Using Visual Studio .NET (5 days)
  - Course 2124, Programming with C# (5 days)
- 70-315 (using Visual C# .NET)
  - Course 2389, Programming with Microsoft ADO.NET (3 days)
  - Course 2389, Programming with Microsoft ADO.NET (3 days)
  - Course 2565: Developing Microsoft .NET Applications for Windows (Visual Basic .NET) (5 days)
- 70-306 (using Visual Basic .NET)
  - Course 2373, Programming with Microsoft Visual Basic .NET (5 days)
  - Course 2124, Programming with C# (5 days)
  - Course 2555, Developing Microsoft .NET Applications for Windows (5 days)
- 70-316 (using Visual C# .NET)
  - Course 2389, Programming with Microsoft ADO.NET (3 days)
- Web Services and Server Components Exam Choices
- Must choose 1 exam from this group:
  - Course 2524, Developing XML Web Services Using Microsoft ASP .NET (3 days)
  - Course 2557, Developing Component-Based Applications Using Microsoft .NET Enterprise Services (5 days)
- 70-310 (using Visual Basic .NET)
  - Course 2389, Programming with Microsoft ADO.NET (3 days)
- OR -
- 70-320 (using Visual C# .NET)
  - Course 2389, Programming with Microsoft ADO.NET (3 days)
- Elective Exam Choices
- \* Choose 1 exam from this group not previously selected from the Web or Windows Applications Development group above :
  - Course 2373, Programming with Microsoft Visual Basic .NET (5 days)
  - Course 2310, Developing Microsoft ASP .NET Web Applications Using Visual Studio .NET (5 days)



OXFORD  
IT TRAINING ACADEMY

70-305 (using Visual Basic .NET)	<p>Course 2389, Programming with Microsoft ADO.NET (3 days)</p> <p>Course 2124, Programming with C# (5 days)</p> <p>Course 2310, Developing Microsoft ASP .NET Web Applications Using Visual Studio .NET (5 days)</p>
70-315 (using Visual C# .NET)	<p>Course 2389, Programming with Microsoft ADO.NET (3 days)</p> <p>Course 2373, Programming with Microsoft Visual Basic .NET (5 days)</p> <p>Course 2565: Developing Microsoft .NET Applications for Windows (Visual Basic .NET) (5 days)</p>
70-306 (using Visual Basic .NET)	<p>Course 2389, Programming with Microsoft ADO.NET (3 days)</p> <p>Course 2124, Programming with C# (5 days)</p> <p>Course 2555, Developing Microsoft .NET Applications for Windows (5 days)</p>
70-316 (using Visual C# .NET)	<p>Course 2389, Programming with Microsoft ADO.NET (3 days)</p> <p>Course 2071, Querying MS SQL Server 2000 with T-SQL (2 days)</p>
70-229	<p>Course 2073, Programming a Microsoft SQL Server 2000 Database (5 days)</p>
70-230	<p>Course 2379, Developing and Deploying Microsoft Biztalk Server 2000 Solutions (5 days)</p>

\* If you use Exam 70-305 or 70-315 to satisfy the core exam requirement, you may use either Exam 70-306 or 70-316 as an elective. If you use Exam 70-306 or 70-316 to satisfy the core exam requirement, you may use either Exam 70-305 or 70-315 as an elective.