

Microsoft Certified Application Developer (MCAD) candidates are required to satisfy the following requirements:

Core Exams (Two Exams Required)

To fulfill the core certification requirements, pass one exam that is focused on either Web Application Development or Windows Application Development in the language of your choice. Then pass one Web Services and Server Components exam.

Elective Exams (One Exam Required)

Besides the core exam requirements, you must also pass one elective exam that provides proof of expertise with a specific Microsoft server product.

Core Exams: Web or Windows Application Development (One Exam Required)

Core Exams: Web or Windows Application Development (One Exam Required)	Classroom Training
Exam 70–305* : Developing and Implementing Web Applications with Microsoft Visual Basic .NET and Microsoft Visual Studio .NET	Course 2310 : Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET (five days) Course 2389 : Programming ADO.NET (three days)
Exam 70–306* : Developing and Implementing Windows-based Applications with Microsoft Visual Basic .NET and Microsoft Visual Studio .NET	Course 2565 : Developing Microsoft .NET Applications for Windows (Visual Basic .NET) (five days) Course 2389 : Programming with Microsoft ADO.NET (three days)
Exam 70–315* : Developing and Implementing Web Applications with Microsoft Visual C# .NET and Microsoft Visual Studio .NET	Course 2310 : Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET (five days) Course 2389 : Programming with Microsoft ADO.NET (three days)
Exam 70–316* : Developing and Implementing Windows-based Applications with Microsoft Visual C# .NET and Microsoft Visual Studio .NET	Course 2555 : Developing Microsoft .NET Applications for Windows (Visual C# .NET) (five days) Course 2389 : Programming with Microsoft ADO.NET (three days)

Core Exams: Web Services and Server Components Development (One Exam Required)

Core Exams: Web Services and Server Components Development (One Exam Required)	Classroom Training
Exam 70–310* : Developing XML Web Services and Server Components with Microsoft Visual Basic .NET and the Microsoft .NET Framework	Course 2524 : Developing XML Web Services Using Microsoft ASP.NET (three days) Course 2557 : Building COM+ Applications Using Microsoft .NET Enterprise Services (five days) Course 2389 : Programming with Microsoft ADO.NET (three days) Course 2663 : Programming with XML in the Microsoft .NET Framework
Exam 70–320* : Developing XML Web Services and	Course 2524 : Developing XML Web Services Using Microsoft

<p>Server Components with Microsoft Visual C# and the Microsoft .NET Framework</p>	<p>ASP.NET (three days) Course 2557: Building COM+ Applications Using Microsoft .NET Enterprise Services (five days) Course 2389: Programming with Microsoft ADO.NET (three days) Course 2663: Programming with XML in the Microsoft .NET Framework</p>
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Elective Exams (One Exam Required)

Elective Exams (One Exam Required)	Classroom Training
<p>Exam 70-229: Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition</p>	<p>Course 2073: Programming a Microsoft SQL Server 2000 Database (five days) (Prerequisite) Course 2071: Querying Microsoft SQL Server 2000 with Transact-SQL (two days)</p>
<p>Exam 70-305*, 70-306*, 70-315*, or 70-316* <i>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.</i> <i>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.</i></p>	<p>Exam 70-305 Course 2310: Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET (five days) Course 2389: Programming with Microsoft ADO.NET (three days) Exam 70-306 Course 2565: Developing Microsoft .NET Applications for Windows (Visual Basic .NET) (five days) Course 2389: Programming with Microsoft ADO.NET (three days) Exam 70-315 Course 2310: Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET (five days) Course 2389: Programming with Microsoft ADO.NET (three days) Exam 70-316 Course 2555: Developing Microsoft .NET Applications for Windows (Visual C# .NET) (five days) Course 2389: Programming with Microsoft ADO.NET (three days)</p>
<p>NEW: Exam 70-431: TS: Microsoft SQL Server 2005 - Implementation and Maintenance</p>	<p>Course 2779: Implementing a Microsoft SQL Server 2005 Database (three days) Course 2780: Maintaining a Microsoft SQL Server 2005 Database (three days)</p>

*In the following combinations, candidates will receive credit for only one of the two exams: 70-305 or 70-315, 70-306 or 70-316, 70-310 or 70-320.