# Visual Studio 2010 Certification Paths

**Microsoft® Visual Studio® 2010**

## Certification Pathways

■ Required Exam(s)  ■ Required Certification(s)

### PATHS TO MCITP — MICROSOFT CERTIFIED IT PROFESSIONAL

**MCPD**
Windows Developer 4

**EXAM 70-518**
PRO: Designing and Developing Windows Applications using Microsoft .NET Framework 4

**MCTS (3 CERTIFICATIONS)**
.NET Framework 4: Windows Applications (1), Data Access (2), and Service Communication Applications (3)

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**MCPD**
Web Developer 4

**EXAM 70-519**
PRO: Designing and Developing Web Applications using Microsoft .NET Framework 4

**MCTS (3 CERTIFICATIONS)**
.NET Framework 4: Web Applications (1), Data Access (2), and Service Communication Applications (3)

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**MCPD**
Windows Azure Developer

**EXAM 70-583**
PRO: Designing and Developing Windows Azure Applications

**MCTS (2 CERTIFICATIONS)**
.NET Framework 4: Data Access (1) and Service Communication Applications (2)

### PATHS TO MCTS — MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST

**MCTS**
.NET Framework 4, Windows Applications

**EXAM 70-511**
TS: Windows Applications Development with Microsoft .NET Framework 4

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**MCTS**
.NET Framework 4, Server Communication Applications

**EXAM 70-513**
TS: Windows Communication Foundation Development with Microsoft .NET Framework 4

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**MCTS**
.NET Framework 4, Data Access

**EXAM 70-516**
TS: Accessing Data with Microsoft .NET Framework 4

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**MCTS**
.NET Framework 4, Web Applications

**EXAM 70-515**
TS: Web Applications Development with Microsoft .NET Framework 4

### UPGRADE PATHS — FROM VISUAL STUDIO 2008 (.NET FRAMEWORK 3.5)

**MCPD** Windows Developer 4

**MCTS (3 CERTIFICATIONS)**
.NET Framework 4: Windows Applications (1), Service Communication Applications (2), and Data Access (3)

**EXAMS 70-521**
Upgrade: Transition your MCPD Windows Developer 3.5, or Enterprise Application Developer 3.5 Skills to MCPD Windows Developer 4

**MCPD**
Windows Developer 3.5 or Enterprise Application Developer 3.5

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**MCPD** Web Developer 4

**MCTS (3 CERTIFICATIONS)**
.NET Framework 4: Web Applications (1), Service Communication Applications (2), and Data Access (3)

**EXAMS 70-523**
Upgrade: Transition your MCPD ASP.NET Developer 3.5, or Enterprise Application Developer 3.5 Skills to MCPD Web Developer 4

**MCPD**
ASP.NET Developer 3.5 or Enterprise Application Developer 3.5

## To prepare for Microsoft Certification exams:

| | CLASSROOM TRAINING | MICROSOFT E-LEARNING | MS PRESS BOOKS |
|---|---|---|---|
| **EXAM 70-511** TS: Microsoft .NET Framework 4, Windows Application Development (WPF) | **Course 10262A:** Developing Windows Applications with Microsoft Visual Studio 2010 (5 days) | Check www.microsoft.com/learning for additional resources | **MCTS Self-Paced Training Kit (Exam 70-511):** Microsoft .NET Framework 4—Windows Applications Development (ISBN: 9780735627420) |
| **EXAM 70-513** TS: Microsoft .NET Framework 4, Windows Communication Foundation Development | **Course 10263A:** Developing Windows Communication Foundation Solutions with Microsoft Visual Studio 2010 (3 days) | Check www.microsoft.com/learning for additional resources | Check www.microsoft.com/learning for additional resources. |
| **EXAM 70-515** TS: Microsoft .NET Framework 4, Web Application Development | **Course 10264A:** Developing Web Applications with Microsoft Visual Studio 2010 (5 days) | Check www.microsoft.com/learning for additional resources | **MCTS Self-Paced Training Kit (Exam 70-515):** Microsoft .NET Framework 4—Web Applications Development (ISBN: 9780735627406) |
| **EXAM 70-516** TS: Microsoft .NET Framework 4, Accessing Data with ADO.NET | **Course 10265A:** Developing Data Access Solutions with Microsoft Visual Studio 2010 (5 days) | Check www.microsoft.com/learning for additional resources. | **MCTS Self-Paced Training Kit (Exam 70-516):** Microsoft .NET Framework 4—Accessing Data with ADO.NET (ISBN: 9780735627390) |
| **EXAM 70-518** PRO: Designing and Developing Windows Applications Using Microsoft .NET | **Course 10552A:** Application Design with Microsoft Visual Studio 2010 (5 days) | Check www.microsoft.com/learning for additional resources. | Check www.microsoft.com/learning for additional resources. |
| **EXAM 70-519** PRO: Designing and Developing Web Applications Using Microsoft .NET Framework 4 | **Course 10552A:** Application Design with Microsoft Visual Studio 2010 (5 days) | Check www.microsoft.com/learning for additional resources. | Check www.microsoft.com/learning for additional resources. |
| **EXAM 70-521** Upgrade: Transition your MCPD Windows Developer 3.5, or Enterprise Application Developer 3.5 Skills to MCPD Windows Developer 4 | Check www.microsoft.com/learning for additional resources | Check www.microsoft.com/learning for additional resources. | Check www.microsoft.com/learning for additional resources. |
| **EXAM 70-523** Upgrade: Transition your MCPD ASP.NET Developer 3.5, or Enterprise Application Developer 3.5 Skills to MCPD Web Developer 4 | Check www.microsoft.com/learning for additional resources | Check www.microsoft.com/learning for additional resources. | Check www.microsoft.com/learning for additional resources. |
| **EXAM 70-583** PRO: Designing and Developing Windows Azure Applications | **Course 50466A:** Windows Azure Solutions with Microsoft Visual Studio 2010 (3 days) | Check www.microsoft.com/learning for additional resources. | Check www.microsoft.com/learning for additional resources. |

Visit **www.microsoft.com/learning.**

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