

Value to individual developers

- MCSD for Microsoft .NET is the only certification that targets advanced developers who analyze and design leading-edge enterprise solutions using Microsoft .NET architecture, tools, and technologies.
- MCSD for Microsoft .NET reliably validates your ability to lead successful software development projects.
- As you earn the MCSD credential, you will cultivate your skills at envisioning and planning solutions, and increase your opportunities.

Value to hiring managers and organizations

- The MCSD for Microsoft .NET credential promotes technical readiness for the adoption of Microsoft .NET and reduces risk in technology deployments.
- MCSD certified staff members help increase customer satisfaction and decrease support costs through improved service, higher productivity, and greater technical self-sufficiency.
- MCSD for Microsoft .NET provides a reliable benchmark for hiring, promotions, and career planning.
- The MCSD for Microsoft .NET certification ensures that your organization is built on top-quality talent and provides assurance of vendor qualifications when outsourcing development work.
- MCSD certification recognizes and rewards productive employees by validating their expertise, plus provides re-training opportunities so existing employees can work more effectively with new technologies.

Choose your path for .NET training and MCSD certification

Through our comprehensive training offerings, you will learn to build the broadest range of .NET applications with ultimate speed. Microsoft offers several resources to help you build skills and earn your credential, including Microsoft Official Curriculum (MOC) courses delivered at a Microsoft Certified Technical Education Center (Microsoft CTEC) and Self-Paced Training Kits from Microsoft Press®. Training reflects real-world scenarios and is developed by respected and experienced technology training experts who work closely with Microsoft product teams.

MCSD for Microsoft .NET candidates are required to pass four core exams that focus on developer skills using Microsoft Visual Studio .NET and the .NET Framework, in addition to one additional elective exam. Those who have earned the Microsoft Certified Application Developer (MCAD) credential can also apply those exams toward the MCSD for Microsoft .NET credential.

For more information, including steps you can take toward earning the MCSD for Microsoft .NET credential, please visit the Microsoft Training & Certification Web site, or contact your local Microsoft CTEC.

www.microsoft.com/mcsd



MCSD

Microsoft Certified Solution Developer

MCSD for Microsoft .NET

Distinguish yourself.



Key Data

AVAILABLE:

- February 2003

TARGET AUDIENCE:

- Advanced developers who design and develop leading-edge enterprise solutions with Microsoft development tools, technologies, and the Microsoft .NET Framework

TYPICAL JOB TITLES FOR MCSD:

- Software Engineer
- Application Analyst
- Software Architect
- Consultant

EXPERIENCE:

- MCSD candidates typically have at least two years of experience.

MCP EXAMS REQUIRED:

- 4 core exams + 1 elective

MICROSOFT OFFICIAL CURRICULUM (MOC) FOR CORE EXAMS:

- **Web Applications:**
Course 2640 or 2310
- **Windows Applications:**
Course 2555 or 2565
- **XML Web Services and Server Components:**
Course 2557 and 2524
- **Data Access (useful for all core exams):**
Course 2389
- **Solution Architecture:**
Course 2710

MORE INFORMATION:

- www.microsoft.com/mcsd

The Microsoft® Certified Solution Developer (MCSD) for Microsoft .NET credential is the premier certification for advanced developers who design and develop leading-edge enterprise solutions with Microsoft development tools, technologies, and the Microsoft .NET Framework.

Software designers who analyze business and technical requirements, define solution architectures, and build, deploy, and maintain solutions will benefit greatly from the MCSD for Microsoft .NET credential. At least two years of experience as an advanced developer is advised.

The technology to design leading-edge solutions

Microsoft .NET is software that facilitates connecting people, information, systems, and devices. Microsoft Visual Studio® .NET enables you to create, use, and reuse XML-based applications, processes, and Web sites as services. These services are designed to share and combine information and functionality with each other—on any platform or smart device—to provide tailored solutions for organizations and individuals. Using Microsoft Visual Studio .NET and XML Web services increases your productivity.

Training elevates .NET knowledge and performance

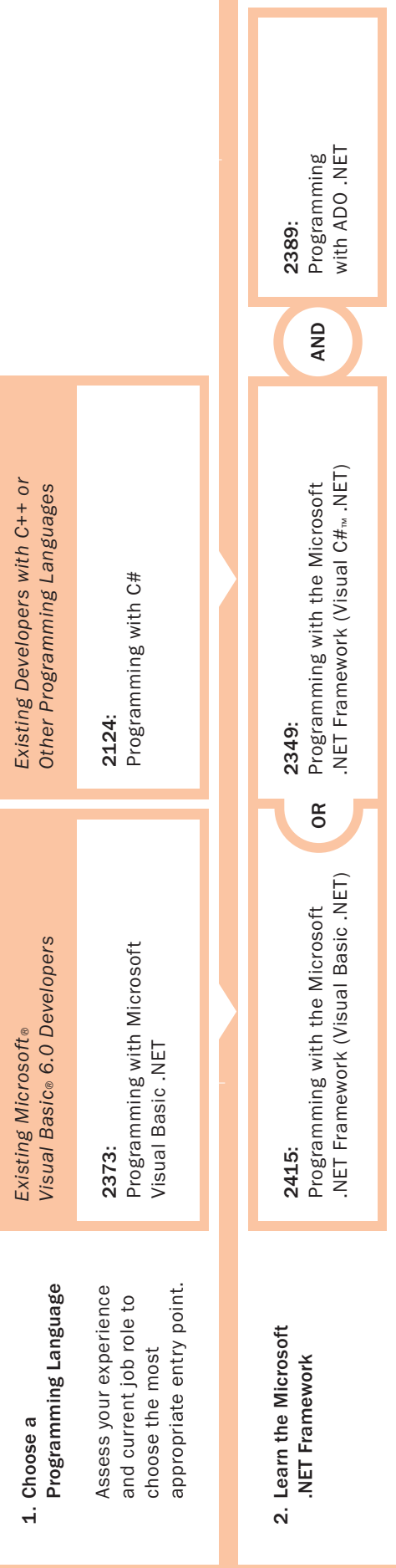
MCSD training and certification will enhance your ability to analyze business requirements and design and develop enterprise solutions using the Microsoft .NET Framework. Microsoft .NET training is structured around the solution developer job role and covers every phase of the development cycle, from analysis of business requirements through deployment. Deep, relevant training content allows you to continually progress to higher levels on the job and in your career, and when you pursue certification. Studies show that certified individuals perform better on the job and have a significantly higher earning potential than their non-certified colleagues.

MCSD for Microsoft .NET recognizes top leadership

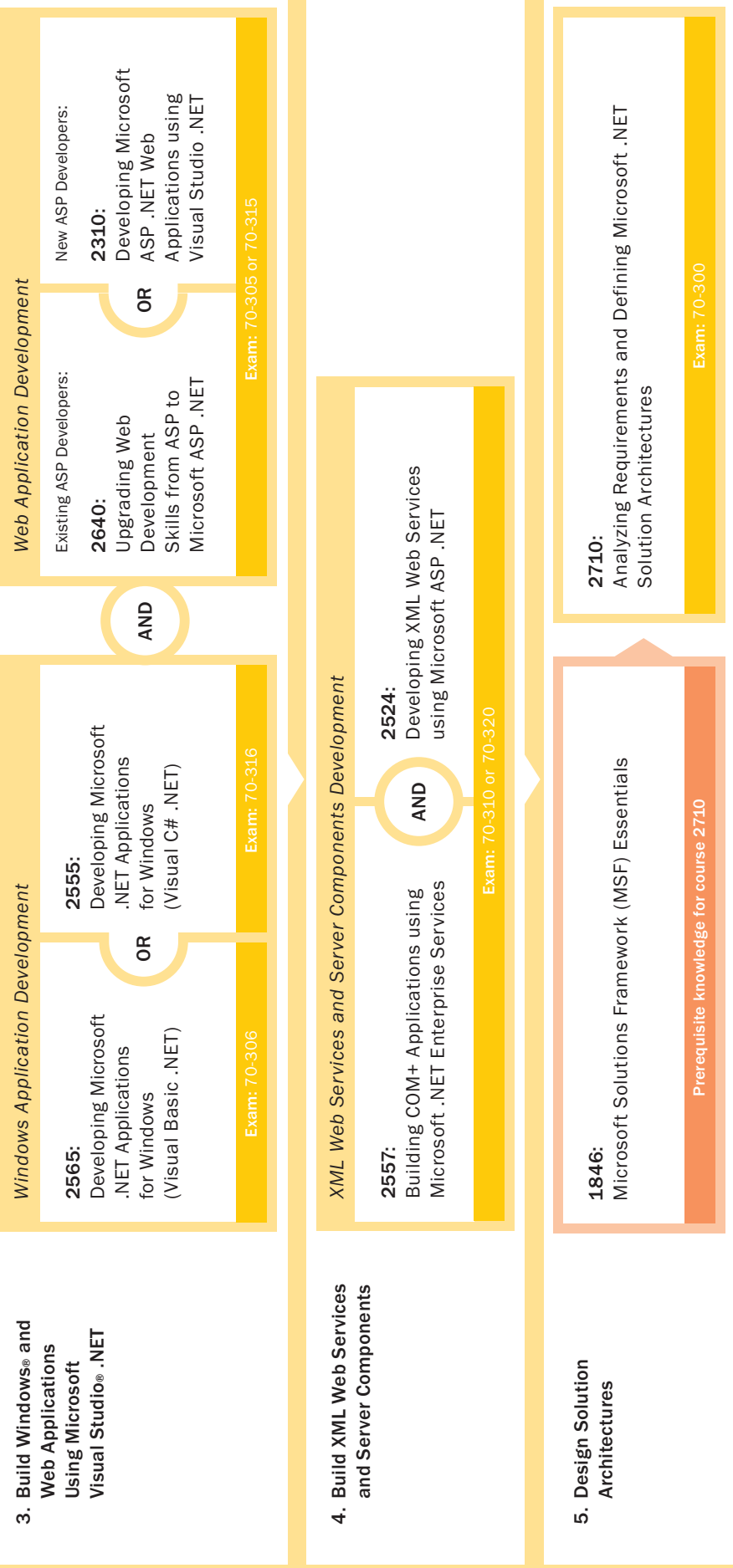
As one of the most widely recognized technical certifications in the world, this premier credential distinguishes you as a highly qualified Microsoft .NET solution developer and a technology leader, setting you apart from the competition. By achieving the MCSD for Microsoft .NET credential, you demonstrate your advanced abilities in the successful analysis, design, implementation, and administration of business solutions, including both Windows® and Web applications. Show that you know how to unleash the power of Microsoft Visual Studio .NET and XML Web services, allowing seamless integration of data and functionality into comprehensive, enterprise-wide Microsoft .NET solutions.

Training courses for MCSD for Microsoft® .NET

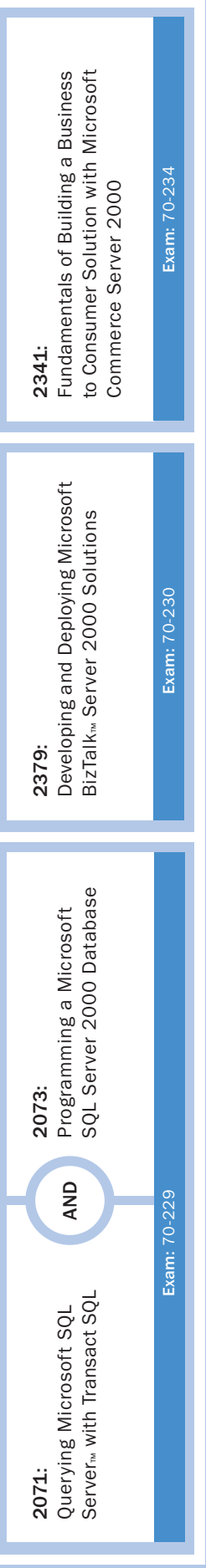
Gain prerequisite knowledge



Prepare for MCSD core exams



Prepare for an elective exam



Exam requirements for MCSD for Microsoft .NET

Core Exams (4 required)	1	Web Application Development	70-305* Developing and Implementing Web Applications with Microsoft Visual Basic .NET and Microsoft Visual Studio .NET
	2	Windows Application Development	70-315* Developing and Implementing Web Applications with Microsoft Visual C# .NET and Microsoft Visual Studio .NET
	3	XML Web Services and Server Components Development	70-306* Developing and Implementing Windows-based Applications with Microsoft Visual Basic .NET and Microsoft Visual Studio .NET 70-316* Developing and Implementing Windows-based Applications with Microsoft Visual C# .NET and Microsoft Visual Studio .NET
	4	Solution Architecture	70-310* Developing XML Web Services and Server Components with Microsoft Visual Basic .NET and the Microsoft .NET Framework 70-320* Developing XML Web Services and Server Components with Microsoft Visual C# .NET and the Microsoft .NET Framework 70-300 Analyzing Requirements and Defining Microsoft .NET Solution Architectures
Elective Exams (1 required)	5		70-229 Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition
			70-230 Designing and Implementing Solutions with Microsoft BizTalk Server 2000, Enterprise Edition
			70-234 Designing and Implementing Solutions with Microsoft Commerce Server 2000

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