

# Microsoft IT Academy Certification Roadmap

Microsoft IT Academy (ITA) Program provides students with the technology skills they need to be successful in college and a career. With Microsoft Certification, students can validate those skills and pursue a career path in business or technology. ITA Program members receive attractive price reductions on Microsoft Certification exams so they can enable skills development and certification for their students globally.

Start by choosing your certification and career path



### Secondary Students:

**Microsoft Office Specialist (MOS)**  
Students pursuing a career using client-side productivity applications for business or IT should pursue MOS certification. MOS certification validates mastery of Microsoft Office skills that all businesses require, setting students apart as they go on to higher education or enter the workforce.

**Microsoft Technology Associate (MTA)**  
For a technology career, students should start with MTA certification, which validates core technology concepts in infrastructure, database and development. MTA helps students explore technology for today's popular IT careers. MTA is recommended, but not required, prior to pursuing a deeper technical certification path. MTA certification may be earned in one semester and can be used to demonstrate capability and commitment for entry-level IT positions.

### 2-year Post-Secondary Students:

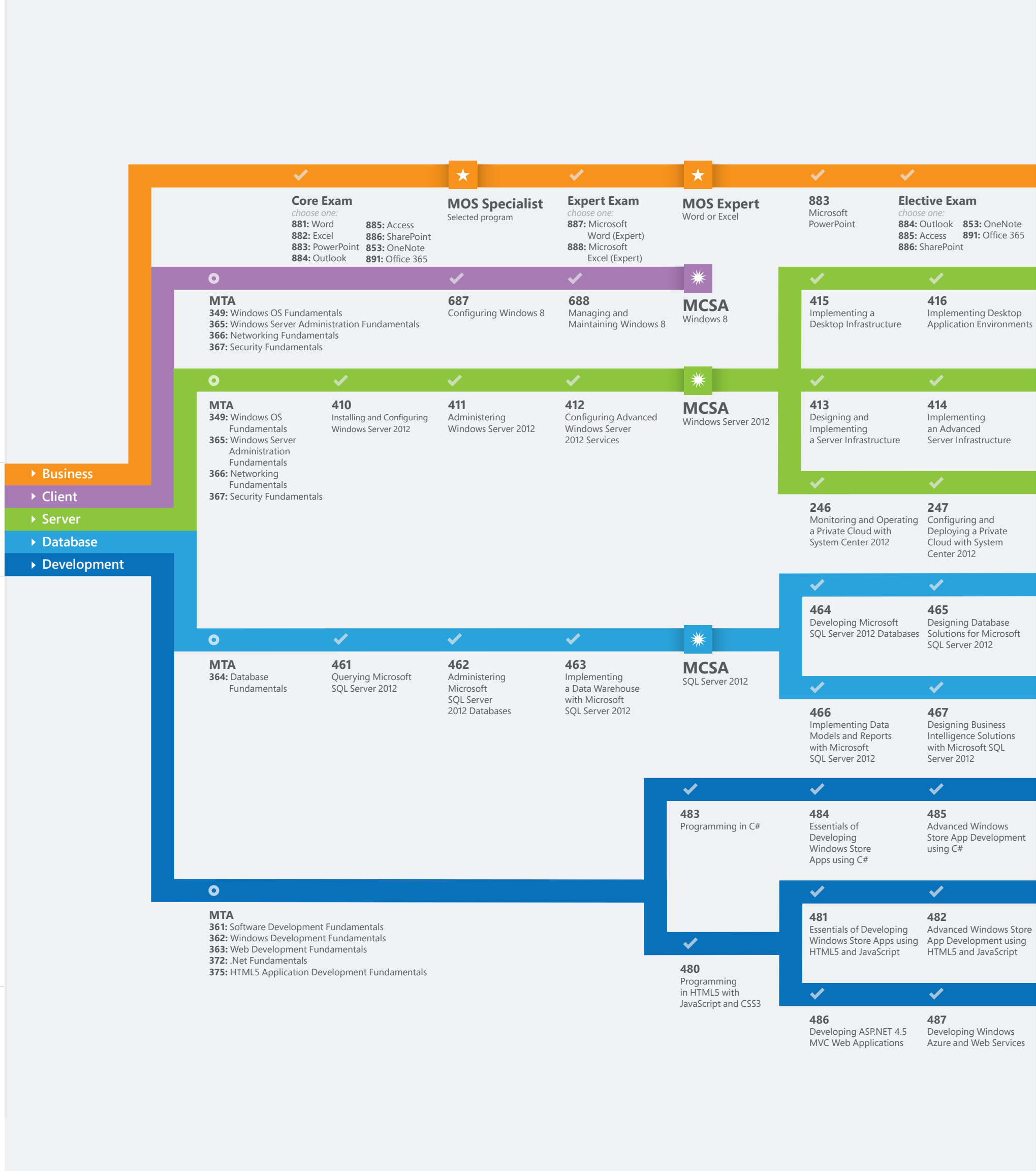
**Microsoft Certified Solutions Associate (MCSA)**  
The MCSA certification is recommended for 2-year program students and those who already have some knowledge of IT. MCSA validates deeper skills on Microsoft technology and cloud computing, and allows students to gain experience in a classroom setting versus on the job. MCSA is required for becoming an MCSE.

### 4-Year Post-Secondary Students:

**Microsoft Certified Solutions Expert (MCSE) / Microsoft Certified Solutions Developer (MCSD)**  
The MCSE and MCSD certifications are recommended for students in a 4-year program. The MCSE builds off of the experience gained while achieving the MCSA certification, and further develops an individual's expertise in cloud technologies. The MCSD builds off of MTA development fundamentals. MCSE and MCSD certifications allow students to acquire additional experience developing, deploying and maintaining full technology solutions in a classroom setting versus on the job. Upon graduation and certification, a student will be in a competitive position for a mid-level IT job.

For more information visit [www.microsoft.com/itacademy](http://www.microsoft.com/itacademy)

- **Microsoft Technology Associate**  
Non-compulsory training courses and exams that help prepare individuals for professional certification. MTA exams and classroom content are included as benefits within the Microsoft IT Academy Program subscription.
- ✓ **Microsoft Official Course and Exam Number**  
Official training courses and exams are available through Microsoft Learning Partners worldwide.
- ✱ **Microsoft Certified Solutions Associate**  
MCSA certification validates core platform skills and is required to achieve MCSE certification.
- ★ **Microsoft Office Specialist**  
MOS certification enables individuals to tap the full functionality of the Microsoft Office programs.



### Certification Destinations:

**MOS Master**  
Microsoft Office 2010

**MCSE**  
Desktop Infrastructure

**MCSE**  
Server Infrastructure

**MCSE**  
Private Cloud

**MCSE**  
Data Platform

**MCSE**  
Business Intelligence

**MCSD**  
Windows Store Apps– C#

**MCSD**  
Windows Store Apps– HTML5

**MCSD**  
Web Apps

**Core Exam**  
choose one:  
881: Word 885: Access  
882: Excel 886: SharePoint  
883: PowerPoint 853: OneNote  
884: Outlook 891: Office 365

**MOS Specialist**  
Selected program

**Expert Exam**  
choose one:  
887: Microsoft Word (Expert)  
888: Microsoft Excel (Expert)

**MOS Expert**  
Word or Excel

**883**  
Microsoft PowerPoint

**Elective Exam**  
choose one:  
884: Outlook 853: OneNote  
885: Access 891: Office 365  
886: SharePoint

**MTA**  
349: Windows OS Fundamentals  
365: Windows Server Administration Fundamentals  
366: Networking Fundamentals  
367: Security Fundamentals

**687**  
Configuring Windows 8

**688**  
Managing and Maintaining Windows 8

**MCSA**  
Windows 8

**415**  
Implementing a Desktop Infrastructure

**416**  
Implementing Desktop Application Environments

**MTA**  
349: Windows OS Fundamentals  
365: Windows Server Administration Fundamentals  
366: Networking Fundamentals  
367: Security Fundamentals

**410**  
Installing and Configuring Windows Server 2012

**411**  
Administering Windows Server 2012

**412**  
Configuring Advanced Windows Server 2012 Services

**MCSA**  
Windows Server 2012

**413**  
Designing and Implementing a Server Infrastructure

**414**  
Implementing an Advanced Server Infrastructure

**246**  
Monitoring and Operating a Private Cloud with System Center 2012

**247**  
Configuring and Deploying a Private Cloud with System Center 2012

**464**  
Developing Microsoft SQL Server 2012 Databases

**465**  
Designing Database Solutions for Microsoft SQL Server 2012

**MTA**  
364: Database Fundamentals

**461**  
Querying Microsoft SQL Server 2012

**462**  
Administering Microsoft SQL Server 2012 Databases

**463**  
Implementing a Data Warehouse with Microsoft SQL Server 2012

**MCSA**  
SQL Server 2012

**466**  
Implementing Data Models and Reports with Microsoft SQL Server 2012

**467**  
Designing Business Intelligence Solutions with Microsoft SQL Server 2012

**483**  
Programming in C#

**484**  
Essentials of Developing Windows Store Apps using C#

**485**  
Advanced Windows Store App Development using C#

**481**  
Essentials of Developing Windows Store Apps using HTML5 and JavaScript

**482**  
Advanced Windows Store App Development using HTML5 and JavaScript

**480**  
Programming in HTML5 with JavaScript and CSS3

**486**  
Developing ASP.NET 4.5 MVC Web Applications

**487**  
Developing Windows Azure and Web Services