# TCTC

## Certifications

## Comp TIA A+

CompTIA A+ certification validates the latest skills needed by today's computer support professionals. CompTIA A+ confirms a technician's ability to perform tasks such as installation, configuration, diagnosing, preventive maintenance, and basic networking. The exams also cover domains such as security, safety and environmental issues, and communication and professionalism.

- A+ Essentials
- A+ IT Technician

### Required Certification Exams:

- 220-601- A+ Essentials
- 220-602 IT Technician

## Comp TIA A+ Certification Test Prep

Prepare yourself for the CompTIA A+ exams. This comprehensive test review is designed in a short, yet highly-effective format, perfect for those with busy schedules. Included in this course are two exam vouchers.

## Microsoft® Certified Technology Specialist-MCTS: SQL Server 2005

Microsoft® Certified Technology Specialists in Microsoft® SQL Server 2005 (MCTS: SQL Server 2005) implement and maintain databases using specific instructions and specifications. They have thorough knowledge of the product, understand how to use the tools and Transact-SQL language, and know how to explore the user interface. Technology Specialists typically pursue careers as database administrators, database developers, or business intelligence developers.

- Course 2779: Implementing a Microsoft® SQL Server 2005 Database
- Course 2780: Maintaining a Microsoft® SQL Server 2005 Database

### Required Certification Exams:

- Exam 70–431: TS: Microsoft® SQL Server 2005 - Implementation and Maintenance

## Certified Cisco Network Associate

The CCNA certification (Cisco Certified Network Associate) indicates a foundation in and apprentice knowledge of networking. CCNA certified professionals can install, configure, and operate LAN, WAN, and dial access services for small networks (100 nodes or fewer), including but not limited to use of these protocols: IP, IGRP, Serial, Frame Relay, IP RIP, VLANs, RIP, Ethernet, Access Lists.

- Introduction to Cisco Network Technologies
- Interconnecting Cisco Network Devices

### Required Certification Exams:

- 640-801 CCNA -or-
- 640-821 INTRO
- 640-811- ICND

## Microsoft® Certified Solutions Developer

The Microsoft® Certified Solution Developer (MCSD) for Microsoft.NET credential is the top-level certification for advanced developers who design and develop leading-edge enterprise solutions using Microsoft® development tools and technologies as well as the Microsoft.NET Framework 1.0 and Microsoft.NET Framework 1.1.

- Course 2310: Developing Microsoft® ASP.NET Web Applications Using Visual Studio .NET
- Course 2565: Developing Microsoft® .NET Applications for Windows (Visual Basic .NET)
- Course 2389: Programming with Microsoft ADO.NET
- Course 2663: Programming with XML in the Microsoft.NET Framework
- Course 2524: Developing XML Web Services Using Microsoft ASP.NET
- Course 2710: Analyzing Requirements and Defining Microsoft .NET Solution Architectures
- Course 2840: Implementing Security for Applications
- Course 2350: Developing and Deploying Secure Microsoft.NET Framework Applications

### Required Certification Exams:

- Exam 70–305: Developing and Implementing Web Applications with Microsoft® Visual Basic.NET and Microsoft® Visual Studio.NET
- Exam 70–306: Developing and Implementing Windows-based Applications with Microsoft® Visual Basic .NET and Microsoft® Visual Studio .NET
- Exam 70–310: Developing XML Web Services and Server Components with Microsoft® Visual Basic .NET and the Microsoft.NET Framework
- Exam 70–300: Analyzing Requirements and Defining Microsoft.NET Solution Architectures
- Exam 70–330: Implementing Security for Applications with Microsoft® Visual Basic .NET

## Microsoft® Certified Systems Engineer (MCSE)

Microsoft® Certified Systems Engineers (MCSEs) design and implement an infrastructure solution that is based on the Windows operating system and Microsoft® Windows Server System software.

- Course 2273: Managing and Maintaining a Microsoft® Windows Server 2003 Environment
- Course 2275: Maintaining a Microsoft® Windows Server 2003 Environment (32 hrs)
- Course 2276: Implementing a Microsoft® Windows Server 2003 Network Infrastructure: Network Hosts
- Course 2277: Implementing, Managing, and Maintaining a Microsoft® Windows Server 2003 Network Infrastructure: Network Services
- Course 2278: Planning and Maintaining a Microsoft® Windows Server 2003 Network Infrastructure
- Course 2279: Planning, Implementing, and Maintaining a Microsoft® Windows Server 2003 Active Directory Infrastructure
- Course 2285: Installing, Configuring, and Administering Microsoft® Windows XP Professional
- Course 2282: Designing a Microsoft® Windows Server 2003 Active Directory and Network Infrastructure
- Course 2596: Managing Microsoft® Systems Management Server 2003
- Course 2597: Planning and Deploying Microsoft® Systems Management Server 2003

### Required Certification Exams:

- Exam 70–290: Managing and Maintaining a Microsoft® Windows Server 2003 Environment
- Exam 70–291: Implementing, Managing, and Maintaining a Microsoft® Windows Server 2003 Network Infrastructure
- Exam 70-293: Planning and Maintaining a Microsoft® Windows Server 2003 Network Infrastructure
- Exam 70-294: Planning, Implementing, and Maintaining a Microsoft® Windows Server 2003 Active Directory Infrastructure
- Exam 70–270: Installing, Configuring, and Administering Microsoft® Windows XP Professional
- Exam 70-297: Designing a Microsoft® Windows Server 2003 Active Directory and Network Infrastructure
- Exam 70–089: Designing, Implementing, and Managing a Microsoft® Systems Management Server 2003 Infrastructure

## Microsoft® Certified Systems Administrator (MCSA)

Microsoft® Certified Systems Administrators (MCSAs) administer network and systems environments based on the Microsoft® Windows operating systems.

- Course 2273: Managing and Maintaining a Microsoft® Windows Server 2003 Environment
- Course 2276: Implementing a Microsoft® Windows Server 2003 Network  Infrastructure: Network Hosts
- Course 2277: Implementing, Managing, and Maintaining a Microsoft® Windows Server 2003 Network Infrastructure: Network Services
- Course 2285: Installing, Configuring, and Administering Microsoft® Windows XP Professional
- Course 2823: Implementing and Administering Security in a Microsoft® Windows Server 2003 Network

### Required Certification Exams:

- Exam 70–290: Managing and Maintaining a Microsoft® Windows Server 2003 Environment
- Exam 70–291: Implementing, Managing, and Maintaining a Microsoft® Windows Server 2003 Network Infrastructure
- Exam 70–270: Installing, Configuring, and Administering Microsoft® Windows XP Professional
- Exam 70-299: Implementing and Administering Security in a Microsoft® Windows Server 2003 Network

## Certified Wireless Network Administrator (CWNA)

Wireless LAN Administrator- The Wireless LAN Administration course provides the networking professional a complete foundation of knowledge for entering into, or advancing in, the wireless networking industry. From basic RF theory to 802.11 frame exchange processes, this course delivers hands-on training that will benefit the novice as well as the experienced network professional.

### Required Certification Exams:

- PWO-100- This certification exam measures your ability to administer any wireless LAN. The exam covers a broad range of wireless LAN topics focused on 802.11 wireless technology rather than products of specific vendors.

## Comp Tia Network+

Network+ is a vendor-neutral certification that recognizes a technician's ability to describe the features and functions of networking components and to install, configure, and troubleshoot basic networking hardware, protocols and services.

### Required Certification Exams:

- N10-003- Network+ Certification

## Certified Information Systems Security Professional

The certification demonstrates a wide range of expertise in a variety of topics as listed below. The common body of knowledge includes:

- Access Control Systems & Methodology
- Applications & Systems Development
- Business Continuity Planning & Disaster Recovery
- Cryptography
- Law, Investigation & Ethics
- Operations Security
- Physical Security
- Security Architecture & Models
- Security Management Practices
- Telecommunications, Network & Internet Security

### Required Certification Exams:

- CISSP Exam