

MTA: Networking Fundamentals
Course Factsheet



Inspired by the **new generation.**

نصنُ التمهين
we shape careers



Microsoft developed certifications through Microsoft Certifications and qualify professionals for technical roles in today's ICT-driven environment.

Microsoft Certifications provide different certification paths relevant for today's ICT technical roles, suitable for different learner levels and work experience.

Al Moalem Institute offers courses in Microsoft Technology Associate (MTA) and Microsoft Certified Solutions Associate (MCSA).



Established in 1992, Al Moalem Institute has been providing comprehensive training in the Kingdom of Bahrain.

With over 100+ internationally recognized certifications and qualifications, Al Moalem Institute has been human resource potential and continually shaping careers of today's workforce and the future generation.

MTA: Networking Fundamentals

This course will introduce you to concepts and the technologies for security for Windows Server, Windows-based networking, Active Directory, anti-malware products, firewalls, network topologies and devices, and network ports.

How long does it take to complete the course?

The duration of this course is 24 guided learning hours to complete.

Who is this course for?

This course is ideal for:

- Those who are preparing for Microsoft certification exams for Networking Fundamentals.
- Those who wish to gain fundamental and technical skills necessary to perform roles in network administration and support management.
- Anyone who aims to pursue a long and successful career in the ICT field.

What topics does the course cover?

This course will cover the following topics:

- Understanding Local Area Networking
- Defining Networks with the OSI Model
- Understanding Wired and Wireless Networks
- Understanding Internet Protocol
- Implementing TCP/IP in the Command Line
- Working with Networking Services
- Understanding Wide Area Networks
- Defining Network Infrastructures and Network Security

What will I gain after completing this certification?

At the end of the course you should be able to:

- Understand network topologies
- Set up a small office router or switch
- Understand VPN concepts
- Configure basic wireless setting
- Apply security concepts
- Explain how firewalls work
- Understand the OSI model

How is it assessed?

You must be able to demonstrate competency in the task-based computer-based assessments taken at Pearson Vue test centers.

Do I need any prior qualifications to start this course?

There are no formal entry requirements for this course. It is ideal that you are familiar with the basic functions of the computer's operating system, such as creating folders, launching programs, and working with windows application.

I completed and received my certification, what happens next?

Upon successfully passing the requirements of this exam, you may choose to progress to Microsoft Certified Solutions Associate (MCSA) Certification programs.

What employment opportunities can I apply for after gaining this qualification?

Becoming an MTA certified professional will get you access to endless entry-level roles in the information technology field. Through our MTA certification programs, you can apply for roles such as:

- IT security professional
- Application support associate
- Desktop support technician
- Storage & backup administrator
- Networking technician

نصنؤ التمهيبن
we shape careers

Reach us

P.O. Box 20649
Building 1029, Road 3621
Al Seef, Kingdom of Bahrain

+973 17400755
www.almoalem.net