MTA Networking Fundamentals

The Pitman Training MTA Networking Fundamentals course is designed to give those embarking on a career in the IT industry a basic understanding of the concept of networking.

It is a great option if you want a job managing Microsoft Windows servers or indeed work within an IT support network or administrator role.

The training you'll undertake as part of this course will prepare you for the Microsoft exam 98-366* – an entry-level credential from Microsoft. With this solid foundation, you'll be able to take the first step toward building career with any technology related business and becoming a Microsoft Certified Technology Specialist (MCTS). On completion of this course, you will receive a Pitman Training Course Completion certificate.

You'll gain a rudimentary knowledge of how to build and manage Microsoft Windows Servers, Windows-based network operating systems, Active Directory and essential system recovery tools. What's more, your learning will be helped through the use of interactive videos and you can utilise pre and post tests to help you identify what skill gaps you have so you can choose courses to top-up your skills.

Designed for

Those wishing to pursue a career in an IT support or administrator role.

Aims and Objectives

To gain an understanding of fundamental networking concepts, covering the baseline knowledge of building and managing Microsoft Windows Servers, Windows-based network operating systems, Active Directory, account management, and system recovery tools

Prerequisites

An understanding of computers and familiarity with the internet. The MTA Networking Fundamentals eLearning course includes a pre test and post test that accurately identifies your skill gap.

Course Content

Session 1 – Introduction, Internet, Intranet, and Extranet, Understanding LANs, Wired vs. Wireless LANs, Understanding WANs, Understanding Wireless Networking, Networking Topologies and Access Methods

Session 2 - Understanding Switches, Switches in Depth, Understanding Routers, Network Cabling Part I, Network Cabling Part II

Session 3 - Understanding the OSI Model Part I, Understanding the OSI Model Part II, IP Addressing Part I, IP Addressing Part II, Introduction to Name Resolution, Networking Services and Tools

Benefits

- **The flexibility and value of a self-study course designed to enable you to work at your own pace**
- **The opportunity to gain the widely recognised Pitman Training Certificate**
- **The opportunity to gain certification which is recognised by industry computing manufacturers and organisations**
- **Understand the basic concepts of the Internet, intranet, and extranet**
- **Understand the difference between switches and routers and how they are configured**
- **Introduction to the OSI 7-layer networking model, IPv4 and IPv6**

Course duration: 7 hours

* Please note that exams will need to be booked and paid for separately

Make sure this course is right for you - have a friendly chat with a Course Adviser, arrange to drop in to have a FREE taster or book a place...

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