**Introduction to Networking**



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Welcome to the Networking course of the IT Support Professional Certificate! In the first week of this course, we will cover the basics of computer networking. We will learn about the TCP/IP and OSI networking models and how the network layers work together. We'll also cover the basics of networking devices such as cables, hubs and switches, routers, servers and clients. We'll also explore the physical layer and data link layer of our networking model in more detail. By the end of this module, you will know how all the different layers of the network model fit together to create a network.

**Key Concepts**

* Describe how the TCP/IP five layer network model works.
* Identify basic networking devices.
* Label each of the five layers in the TCP/IP network model.
* Describe how the physical layer works.
* Describe how the data link layer works.