



## INTRODUCTION TO NETWORKING

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## Course Overview



This course is centered around Network+ certification learning objectives and is ideal for system technicians, administrators, and anyone who requires an understanding of the fundamental principles of installing and supporting networks.

Topics include network media and devices; addressing and routing; network applications; network security; network management, monitoring, and troubleshooting. This course will build a solid knowledge foundation of networking principles required to manage, maintain, operate, troubleshoot, and configure basic network infrastructure.



## Course Objectives



- Identify the characteristics of network topologies, protocols, and technologies in relation to the OSI Model.
- Establish an understanding of internetworking framework, protocols, and transport concepts.
- Identify appropriate network appliances, cabling, and configurations to deploy based on a given network topology.
- Recognize network threats and determine appropriate mitigation techniques.
- Understand tools and techniques to monitor and troubleshoot networks.