



Learning Guide Unit 1

Overview**Unit 1 - Introduction to Communication & Networks**

Topics:

- Uses of Networks
 - LAN, WAN, VPN, [Wireless Networks](#), Internet
 - Protocol Hierarchies, Design Issues, [Connectionless](#) and [Connection-Oriented services](#)
 - Reference Models [OSI](#) and [TCP/IP](#)
 - [Connection-Oriented network ATM](#)
 - Ethernet
 - [Wireless LANs](#)
 - Standardization
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Learning Outcomes

- Compare Ethernet and [Asynchronous Transfer Mode](#)
 - Distinguish between [connection-oriented](#) and [connectionless services](#)
 - Identify design related issues when defining a [network protocol](#)
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Tasks:

- Read through the Learning Guide and the Reading Assignment
- Complete the Discussion Assignment by posting in the [Discussion Forum](#)
- Respond to and rate three of your fellow classmates' posts in the [Discussion Forum](#)
- Complete and submit the Written Assignment
- Complete and submit the [Learning Journal](#)
- Take and submit the Self-Quiz

