edX   **HKUSTx: ELEC1200.3x A System View of Communications: From Signals to Packets (Part 3)**

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5.1 Transport Layer
Week 3 Quiz due Feb 15, 2016 at 15:30 UTC ✎

5.1 QUIZ QUESTION 1 (1/1 point)

Which of the following is **NOT** a function of the transport layer?

- ◉ Forwarding ✔
- ○ Reliable data transfer
- ○ Connection management
- ○ Error detection

EXPLANATION

Forwarding is a network layer function.

You have used 1 of 2 submissions

5.2 User Datagram Protocol (UDP)
Week 3 Quiz due Feb 15, 2016 at 15:30 UTC ✐

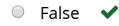**5.3 Transmission Control Protocol (TCP)**
Week 3 Quiz due Feb 15, 2016 at 15:30 UTC ✐

▸ Topic 6: Reliable Transfer Protocols

▸ MATLAB download and tutorials

5.1 QUIZ QUESTION 2 (1 point possible)

Although some transport layer protocols may allow packets to be lost, all transport layer protocols ensure that those packets are delivered to the application in order.

◉ True ✖

○ False ✔

EXPLANATION

UDP segments may be delivered out of order to application.

You have used 1 of 1 submissions

5.1 QUIZ QUESTION 3 (1/1 point)

In order for the network to function properly, all nodes in the network must implement the transport layer.

○ True

◉ False ✔

EXPLANATION

Transport protocols run in end systems (hosts), but not in routers.

You have used 1 of 1 submissions

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