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Week 3 Content Rollout

A System View of Communications: From Signals to Packets (Part 3) <ELEC1200.3x-no-reply@courseupdates.edx.org> Mon, Feb 1, 2016 at 8:16 PM
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Course Update from:

A System View of Communications: From Signals to Packets (Part 3)

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Week 3 Content Rollout

Dear students,

The Week 3 Lecture and Lab Demo videos are now ready. In Week 3, you will learn about the transport layer, which provides for communication between applications. We pay particular attention to the problem of ensuring reliable communication, even though the network over which we are communication is unreliable. By the end of this week, you should be able to:

- List the functions of the transport layer
- Describe the UDP and the TCP, and identify differences between them
- Explain how the stop-and-wait protocol ensures in-order packet transfer
- Derive the throughput of the stop-and-wait protocol
- Analyze the increase in throughput enabled by the sliding window protocol You may

access the weekly content on the [Courseware](#) page. In order to assess your learning progress, Quiz and Lab Exercises are provided between topics. We encourage you to finish viewing all the related lecture and demo videos before completing this part.

Please note that the **Quiz and Lab Exercises for Week 3 will be due before Monday 15 Feb 2016 23:30 (GMT+8)**. The reason for this extension is that the Lunar New Year holiday will be held between 8th and 10th Feb 2016 and we may not be able to respond to your questions right away during this period. No score will be given to answers submitted after the specified date and time.

Please post any questions and/or requests for clarification, on the [Discussion](#) page.

Warm regards,
Bert and Song

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