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## Week 4 Content Rollout

**A System View of Communications: From Signals to Packets (Part 2)** <ELEC1200.2x-

Mon, Nov 16, 2015 at

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8:05 PM

To: KarenWest15@gmail.com



### Course Update

Course Update from:

## A System View of Communications: From Signals to Packets (Part 2)

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### Week 4 Content Rollout

Dear students,

The Week 4 Lecture and Lab Demo videos are now ready. In Week 4, you will learn about how wireless communication systems can share a common channel using a technique known as frequency division multiplexing. By the end of this week, you should be able to:

- Understand the concept of frequency division multiplexing
- Understand how modulation and demodulation can be used to shift signals from one part of the frequency spectrum to another
- Analyze modulation and demodulation using sine waves and complex exponentials
- Understand the effect of frequency and phase mismatches between the transmitter and receiver

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. You are expected to complete the Quiz and Lab Exercises on or before **Monday 23 Nov 2015 23:30 (GMT+8)**. 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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