



Karen West <karenwest15@gmail.com>

Week 2 Content Rollout

A System View of Communications: From Signals to Packets (Part 2) <ELEC1200.2x-no-reply@courseupdates.edx.org> Mon, Nov 2, 2015 at 8:02 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 2 Content Rollout

Dear students,

The Week 2 Lecture and Lab Demo videos are now ready. In Week 2, you will be introduced to the idea of the frequency domain. This concept will be important in understanding one way in which we can share a channel as well as in giving us an alternative way of understanding the operation of a linear time invariant system. This week we will focus on how it can be used to understand the MP3 encoding we use to compress our music files. By the end of this week, you should be able to:

- Understand the parameters that control the shape of continuous and discrete time sinusoids
- Recognize that signals can be represented as sums of sinusoids.
- Reconstruct a signal given its Fourier coefficients
- Understand the key steps in MP3 encoding. 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 9 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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