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## Week 2 Content Rollout

**A System View of Communications: From Signals to Packets (Part 3)** <ELEC1200.3x-no-reply@courseupdates.edx.org> Mon, Jan 25, 2016 at 8:42 PM  
To: KarenWest15@gmail.com



### Course Update

Course Update from:

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

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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 network layer, which ensures packets get to their intended destinations. We pay particular attention to the problem of routing: finding the best path through a network. By the end of this week, you should be able to:

- Describe the different functions of the network layer, including addressing, encapsulation, routing and forwarding
- Identify differences between the distance vector and link state algorithms for routing
- Apply the distance vector algorithm to estimate forwarding tables at nodes in a network iteratively

- Calculate the best path in a network from one node to every other node using Dijkstra's algorithm

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 1 Feb 2016 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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