

Course Updates & News

MARCH 23, 2015

Thank you to those of you who found the errors with:

Check Your Understanding 1 B. Logical Completeness, Implementing Any Truth Table in Muxes and Decoders.

Check Your Understanding 1 DeMorgan's Law in Transistors and Gates.

In order to give everyone an opportunity to retry the problems, they have been reset. This means **EVERYONE must do the problems again.**

We apologize for the inconvenience.

MARCH 15, 2015

Hi everyone, please make sure to do the Jade tutorial found in the very last section. This lab is ungraded and there so you can practice and ask questions before you do your first graded lab in Week 2.

Week 2 content will be available on March 17 at 18:00 UTC

MARCH 12, 2015

Discussion Categories

Please be sure to place your discussion post in the correct category. There are currently the following categories:

1. Exploring Engineering (Career advice/discussion)
2. General
3. Jade Tool
4. Study Groups (If you are interested in forming a study group post here)
5. Numbers Content
6. Operations CYU Discussion
7. Operations Content Discussion
8. Please Introduce Yourself Here
9. Operations Homework
10. Numbers Check Your Understanding
11. Numbers Homework

MARCH 11, 2015

Discussion Tips

Before posting please be sure to search to see if someone else has already asked your question. This will keep all discussion related to that topic in a single thread.

When responding to content related questions please provide guidance and hints that will help people to figure out the problem on their own (rather than giving a direct answer). For example, instead of writing "Your x should be a y," you might write "try reviewing the video on

Please be sure NOT to give away the answers when posting your question or when responding to the question of another student.

Please be sure to post in the correct discussion. For example, if your question relates to Numbers Homework please post in that discussion. When creating your post from the Discussion page you will see a box that says "topic area." Click on the drop down arrow and select the correct topic.

The last two pages of each module are links to the content and CYU discussions for that module.

The last page of the Homework module is a link to that discussion.

MARCH 11, 2015

Several of you have asked about downloading the videos. Unfortunately, due to copyright restrictions, we are unable to allow the videos to be downloaded.

MARCH 10, 2015

The Patt and Patel text (covers content in Weeks 1-6) may be purchased directly from McGraw Hill Bookstore. You may purchase the full (ISBN: 9781308478845) ebook for \$103.31 USD or a version with selected chapters (ISBN: 9781308478869) that only covers the content in this course for \$57.14 USD. Please note that you must select the United States as your country. Additional information on how to purchase by credit card and download the ebook can be found in the syllabus and course handouts.

If the above link doesn't work please copy and paste the following URL into your browser: <https://create.mheducation.com/shop/>

Course Schedule

MARCH 9, 2015

Welcome to The Computing Technology Inside Your Smartphone! We're excited to have all of you on board, and to guide you through the computing technology stack and in designing your own computer.

If you're new to the edX platform, we encourage you to check out DemoX, a quick walkthrough of an edX experience. It will help answer basic "how to's" on taking an edX course.

Or, jump right into this course by clicking the Courseware button in the upper left. Please be sure to take the pre-survey found in the first section, Introduction. It is important that you begin with this section as it includes an overview of the course content, course guidelines, and information on how to get around the course. Please share a little bit about yourself in the first course discussion, "Please Introduce Yourself Here."

In the very last section of the course is the Jade Tutorial and Sandbox, where you can play around with the Jade simulation tool that you will use to create the labs. Before the end of week one, you should go through the Jade Tutorial, which includes building a simple circuit, to prepare for the labs that start in week two.

If you have technical questions about the edX platform:

1. First, try the "Help" tab in the upper left side of every page.
2. If you don't find your answer there, or if you find bugs or issues with the site, please post your question or issue in the Technical Help thread in the discussions.

Please post content related questions in the corresponding discussion. We encourage you to share your MOOC adventures in Twitter with the hashtag #SmartphoneMOOC.



EdX offers interactive online classes and MOOCs from the world's best universities. Online courses from MITx, HarvardX, BerkeleyX, UTx and many other universities. Topics include biology, business, chemistry, computer science, economics, finance, electronics, engineering, food and nutrition, history, humanities, law, literature, math, medicine, music, philosophy, physics, science, statistics and more. EdX is a non-profit online initiative created by founding partners Harvard and MIT.

© 2015 edX Inc.

EdX, Open edX, and the edX and Open edX logos are registered trademarks or trademarks of edX Inc.

[Terms of Service and Honor Code](#)

[Privacy Policy \(Revised 10/22/2014\)](#)

About edX

[About](#)

[News](#)

[Contact](#)

[FAQ](#)

[edX Blog](#)


[Donate to edX](#)

[Jobs at edX](#)


Follow Us


 [Facebook](#)


 [Twitter](#)


 [LinkedIn](#)

 [Google+](#)

 [Tumblr](#)

 [Meetup](#)

 [Reddit](#)

 [Youtube](#)