

Courseware **Course Info** Discussion Wiki **Progress Discussion Guidelines** Resources **Exploring Engineering Syllabus**

How to Use Jade

In this module, we will start with the basics: the binary numbers that form the basis of the fundamental circuits that make computers work.

At the end of this module, you will be able to:

- Convert binary numbers to decimal, and decimal numbers to binary.
- Take the two's complement of any binary number.
- Add binary numbers.
- Convert binary numbers to hexadecimal, and hexadecimal numbers to binary.
- Find the ASCII code equivalents of keyboard characters.

INTRODUCING NUMBERS				
	3:10 / 3:10	1.0x		

Download transcript

.txt

1 of 2 03/26/2015 09:31 AM

Introduction | Numbers | ENGRI1210x Courseware | edX

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 lnc.

Terms of Service and Honor Code

Privacy Policy (Revised 10/22/2014)

About editips://courses.edx.org/courses/courses/confiellX/ENGRI1210x/1...

About

News

Contact

FAQ

edX Blog

Donate to edX

Jobs at edX

F Facebook

Twitter

n LinkedIn

g+ Google+

Tumblr

Meetup

Reddit

Youtube Youtube

2 of 2 03/26/2015 09:31 AM