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## Course Updates & News

### JANUARY 24, 2014

ARM and Texas Instruments have been instrumental for the success of this class. Both companies have communities to assist students learning their products.

1) You can join Texas Instruments E2E community at <http://e2e.ti.com/> (<http://e2e.ti.com/>). This is a good place to ask TM4C123-specific questions like "how do I install windows drivers for the LaunchPad?", or "what happens if I try to source 20mA into an LED from a GPIO pin?" or "what do I do if the USB socket on the LaunchPad breaks off? How do I solder it back on?"

2) You can join ARM University at <http://www.arm.com/university/> ([http://www.arm.com/university](http://www.arm.com/university/)). This is a good place to ask ARM-specific questions like "does the CortexM4 have 5 busses or 6 busses? why?", or "why does the CortexM4 execute instructions out of order?", or "why does the stack-pointer need to be aligned?" or "what is the difference between Thumb and Thumb2?"

### JANUARY 21, 2014

**Suggested schedule** By Friday 1/31: Finish Chapters C1 and C2 (install Keil, TExaS)

By Friday 2/7: Finish Chapters C3 and C4 (electronics and digital logic)

By Friday 2/14: Finish Chapter C5 (C programming)

By Friday 2/21: Finish Chapter C6 (I/O ports)

By Friday 2/28: Finish Chapter C7 (Design)

By Friday 3/7: Finish Chapter C8 (Interfacing switches and LEDs)

By Friday 3/14: Finish Chapter C9 (How to debug)

By Friday 3/21: Finish Chapter C10 (Finite state machine)

By Friday 3/28: Finish Chapter C11 (Serial port interface)

By Friday 4/4: Finish Chapter C12 (Interrupts)

By Friday 4/11: Finish Chapter C13 (DAC and sound)

By Friday 4/18: Finish Chapter C14 (ADC and measurements)

By Friday 5/2: Finish Chapter C15 (Hand-held game)

**Course closes Wednesday 5/14**

### JANUARY 22, 2014

Tasks to complete the first week of the course:

1 of 2 1) Order the kit. If you do not have yet received the kit, you can do the labs in simulation now, and then go back and

## UT.6.01x Course Info

<https://courses.edx.org/courses/UTAustinX/UT...>  
complete the labs on the board when your kit arrives. Instructions for ordering the kit can be found at **Course Web Site**

(<http://edx-org-utaustinx.s3.amazonaws.com/UT601x/worldwide.html>);

2) Watch the videos and read the content of the first two chapters;

3) Take the quiz at the end of chapter 1 and chapter 2;

4) Perform Lab 2, which involves installing software and running an existing program both in simulation and on the real board.

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