

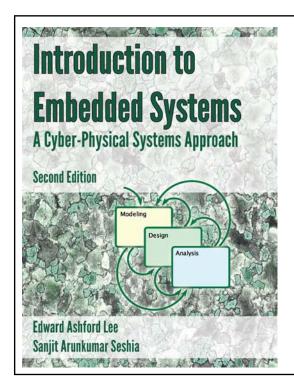
Introduction to Embedded Systems

Sanjit A. Seshia

UC Berkeley EECS 149 Fall 2015

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Lecture 0: Course Introduction and Logistics

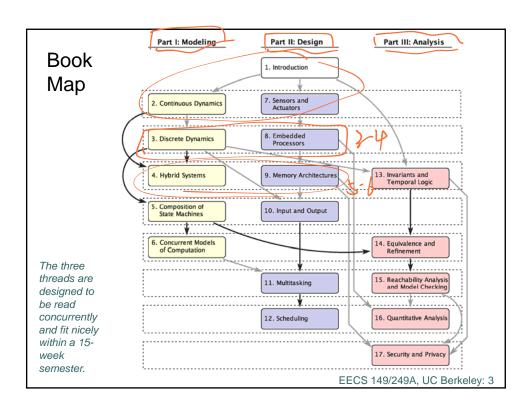


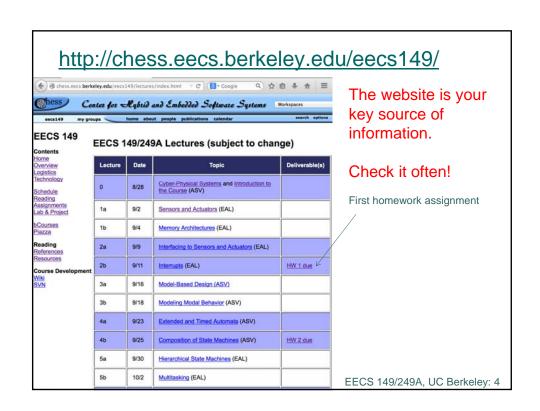
Your textbook, written for this course, strives to identify and introduce the *durable intellectual ideas* of embedded systems as a technology and as a subject of study. The emphasis is on modeling, design, and analysis of cyber-physical systems, which integrate computing, networking, and physical processes.

Use the Second Edition!

http://LeeSeshia.org/

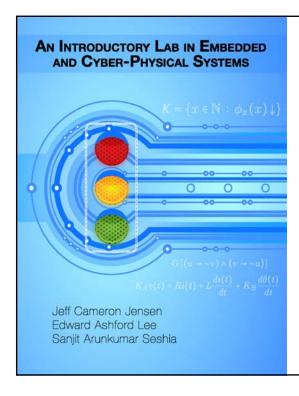
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The Lab Manual is a work in progress. *Please help us make it better by offering constructive suggestions and correction.*

Download package including lab manual and documents it links to from:

http://LeeSeshia.org/lab

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VERY IMPORTANT: (Re)Sign up for Lab Sections

Read the Course Announcement sent out by GSIs via bCourses

Meet me after class if you do NOT have access to bCourses for any reason

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Course Project

An important component of the course

We will give you topics because of the large number of enrolled students.

Under special circumstances, we may accept projects proposed by students, but only if they are highly innovative. Be careful, many proposals we got in the past were HARD to achieve in the time allotted.

See past projects on the course website.

Project highlights video:
https://www.youtube.com/watch?v=CqK6ttxtoWc

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Some Previous Projects



Biomimemics



Face Tracking



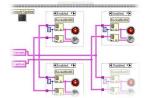
Autonomous Flight



Distributed Music



Robot Train



Robot Swarm

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