

EECS-140/141 Introduction to Digital Logic Design
Lecture 1: Introductions and Overview

I. INTRODUCTIONS

I.A You

- Turn in Assignment 0 *next* class period
- Study Group sign-up

I.B Me

I.C Us (Course Covenant)

YOUR PART	MY PART
Learn	Help You Learn
	Bring Supplements
	Be Available to Help
	Start/End on Time (Break)
Be Prepared to Ask/Answer Questions	Not Lecture <i>All</i> the Time

I.D Assistants (Listed in syllabus)

I.D.1 GTAs

I.D.2 Supplemental Instructor

I.D.3 Watch email for office hours

I.E Course

You go through syllabus yourself (part of Assignment 1)

I.F Book

Familiarize yourself with it:

- Examples (lots)
- Solved Problems (for practice)

II. COURSE OVERVIEW AND MOTIVATION**II.A Introduction to ...**

First course in sequence:

II.B Digital ...

Two major classes of electronic circuits:

- Analog:

- Digital:

II.C Logic ...

This term can be puzzling...

— Used because circuits implement *logic* such as:

II.D Design

This is where we see the power of electronics:

Analysis:

Design:

Analog Ckts:

Digital Ckts:

II.E Why study digital logic design?

Much (although certainly not all) of modern electronics is digital:

"But I'm a CS major!"