

ENGR 3410

Computer Architecture

Fall 2009

<http://ca.olin.edu>
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* Feel free to use the list for discussion!

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MH 357 / EH 116

Email is best.
I am rarely in my office.
Don't come by East Hall
between 8:30p-9:30p



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* If I'm online, you can bother me

Who are *you*?

Course Objectives

Learn digital logic

Build a processor

Write programs for it*

* In assembly

Build complex digital systems in Verilog*

* A language used to describe hardware

Learn about stuff
you want to learn*

* FPGAs, DSPs, GPUs, multi-core, parallel computing, etc.

Several homeworks
Several labs

One midterm
No final

One project

Homework* done
primarily solo

* Usually pencil and paper

annotate collaborators
per problem

Labs in groups of 2

Projects in groups of ???

Leave laptops *closed*
and *off* during class

Late Policy:

-10% 0-24 hours

-25% 24-48 hours

-50% 48-72 hours

Buy the textbook

Homework 0

1. Why are you taking this class?
2. What is Computer Architecture (cite!)
3. What do you look for when buying a computer?
4. What is your favorite processor and why?
5. Name at least 3 things you want to learn in this class. Be semi-specific.