

CS125: Introduction to Computer Science

Lecture 00000001₂

Bill Chapman

CS125: Introduction to Computer Science

History

YouTube

Advanced Micro Devices

LED

Mosaic/Netscape

Siebel Systems

Plasma screen

Oracle

Eudora

Microsoft Flight Simulator

PayPal

Project Gutenberg

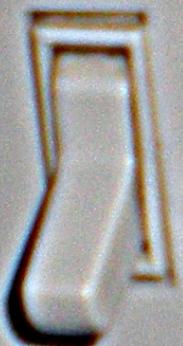
Integrated Circuit

Yelp!

Integrated Circuit

Gene Hackman

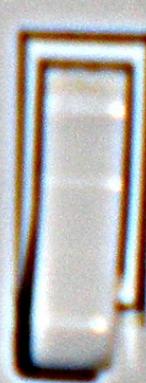
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about CS125

The science

The course

About you: life of a CS125 student

themes

Machine Architecture

Procedural Programming

OO Programming

Software Engineering Principles

Recursion

Advanced topics and principles

weekly activities

pre-MWF: Reading & Turing's Craft exercises

MWF: Lectures

Weekly: Lab/Discussion Sections

Semi-weekly: Quiz Sections - short assessments

Programming ("MPs")

Newsgroup & Community

+ "Debug Your Brain" CS 199

+ "Project Section" CS 196

Guaranteed
grading

90: A-

80: B-

50% Weekly quizzes/examlets
(weekly during quiz section)

65: C-

15% Machine Problems

5% Lecture/Lab achievement points

5% Turing's Craft exercises

25% Final Exam

To pass: must *attempt* all MPs and other required items

you

Readings, Turings Craft, Lecture attendance is required.

Be part of the Community.

Expect to help each other.

Ask for help when you're confused or stuck!

Public Qs : **Piazza**

Private Qs : **Piazza (private messages)**

Lectures will require brain power.

Lab sections will require brain power.

how to succeed in CS 125

Read all the readings / Turings craft examples

Attend and participate in all lectures and labs

Spend time and effort on MPs

Communicate with your CS community

what now?

Course website:

URL: <https://wiki.cites.illinois.edu/wiki/display/cs125/Home>

Read Course Policy

Read Course Notes #1 & #2

before next Lecture (links on Lecture page)

Bring your laptop to your AY_ section

(you will be setting up your coding environment)

java

eclipse

svn

CS 196 Honors Section ? CS 199 DYB (Debug-your-brain)
3hr Proficiency Exam (see CS125 FAQ)

a little java

```
System.out.println("This message will appear");
```