CPS 1: Fundamentals of Computer Science

Summer 02
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Why Take This Course?
- Computers are everywhere
- Look behind the magic
- Be intelligent about computers professionally
- Learn to look at the world in a new way
- Challenge yourself

Course Philosophy
- Look at CS concepts
- Learn things from higher courses, skipping the details
- Not learning to program
- Look at the "real" problems in CS

Other classes: narrow and deep
This class: broad and shallow

Course Philosophy

Pros:
- Time for more topics
- Learn concepts from grad courses
- Code is boring?

Cons:
- Not making you a programmer
- Must take things for granted
- Coding is fun?

Other Goals
- See the world differently
- Open your mind
- Challenge your way of thinking
- Learn about perspective

Perspectives Overview
http://www.cs.duke.edu/courses/cps001/summer02
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