CS 1110
Introduction to Computing Using Python

Instructor: Prof. Charles Van Loan
Are You Ready?
Then Let’s Get Set.
And Then Let’s GO!
Ready?

Actually, you are probably more than ready to take CS 1110.

Here is why....
You Like Logic Puzzles
You Like Word Puzzles

(Andy Vierstraete 1999)
You Practice the Science of Deduction
You Like the Idea of Designing and Building
You Have a “Thing” About Encoding Information & Language
You Have Experience with Step-by-Step Procedures
You Had an English Teacher Who Taught You How to Write

An SPSE Essay

Introduction
Outline background and aims

Situation
Background and context for the problem

Problem
What is the problem and its effects?

Solution
Two or more potential solutions

Evaluation
How effective are the solutions? Which is most effective?

Conclusion
Summarise all main points
You Wonder Why a Picture is Worth 1000 Words
You Wonder How It All Works
CS 1110: It’s About the Car and...

what you see out the window.
The Car is Important

That is why we use Python. It'll get you to LA.
The Route is Important

That determines what you see. And what comes next.
Let's Get Set

Here are some things that you can do right now.
1. Bookmark the Course Website

http://www.cs.cornell.edu/courses/cs1115/2015sp

You will be visiting it a lot starting now!
2. Read About How the Course Staff is Structured

1. Professor

6. Graduate Student TA's

40+ Undergraduate Consultants
3. Read About Grading

40%  Seven programming assignments
15%  Prelim 1
15%  Prelim 2
30%  Final Exam
4. Read About Academic Integrity

It is essential that you understand what is and is not permissible on the computing assignments.
5. Read How the Lectures Work

Where course material is presented.

Printer-friendly lecture slides online for note-taking.

Presentation slides online for review.

Demo programs online for play.
6. Read How the Labs Work

Lab assignments get you started with new Python features.

Where you get hands-on practice with course staff in the room.

You can also get help with the current assignment.
7. Get the Book

Downloadable for free in pdf form.

Or buy hard copy.
8. Get Your Laptop Set-Up (If necessary)

Instructions online for getting set up for Python.

The Consultants can help.

OR you can simply do all your computing in the ACCEL Lab.
Then Let’s Go!

Two things to keep in mind right from the start.
Do Not Be Fazed by What May Look Like a Staggered Start

“My classmates are already ahead.”
Do Not Be Afraid to Ask For Help