## CS 1110 Fall 2012: Walker White

#### • Outcomes:

- Fluency in (Python) procedural programming
  - · Usage of assignments, conditionals, and loops
  - Ability to design Python modules and programs
- Competency in object-oriented programming
  - Ability to write programs using objects and classes.
- Knowledge of searching and sorting algorithms
  - Knowledge of basics of vector computation

### • Website:

www.cs.cornell.edu/courses/cs1110/2012fa/

#### **Class Structure**

- Lectures. Every Tuesday/Thursday
  - Not just slides; interactive demos almost every lecture
  - Vou may attend *either* Lecture section (9 or 11)
  - Semi-Mandatory. 1% Participation grade from iClickers
  - Section/labs. ACCEL Lab, Carpenter 2nd floor
  - Guided exercises with TAs and consultants helping out
  - Register for ANY section, but go to the one you want
    - Tuesday: 12:20, 1:25, 2:30, 3:35
    - Wednesday: 10:10, 11:15, 12:20, 1:25, 2:30, 3:35, 7:20
  - Mandatory. Missing more than 2 lowers your final grade

### **Class Materials**

- Textbook. Think Python by Allen Downey
  - Supplemental text; does not replace lecture
  - Hardbound copies for sale in Campus Store
  - Book available for free as PDF or eBook
- iClicker. Acquire one by next Tuesday
  Will periodically ask questions during lecture



- Used to judge class understanding
- Will get credit for answering even if wrong
- Python. Necessary if you want to use own computer
  - See course website for how to install the software

# Helping You Succeed: Other Resources

- Consultants. ACCEL Lab Green Room
  - Daily office hours (see website) with consultants
  - Very useful when working on assignments
- AEW Workshops. Additional discussion course
   Runs parallel to this class completely optional
- See website; talk to advisors in Olin 167.
- Piazza. Online forum ask and answer questions
  Go here first before sending question in e-mail
- Office Hours. Talk to the professor!
  - Available in Hollister 202 between lectures

### Assignments

- Major portion (40%) of your final grade
  Larger projects due every two weeks
- First assignment requires mastery
  - Submit, get feedback, resubmit, ... until correct
  - Everyone eventually scores 10/10
- · Later assignments are designed to be fun
  - Examples: graphics, image manipulation
  - · Final project is a Breakout game project
- Submitted via Course Management System (CMS)
   Visit <u>cms.csuglab.cornell.edu/</u> to check you are enrolled











