curating rich media for online education
“There’s a recent technical innovation that has completely revolutionized the organizing of content for courses.
Wonderful linear organization, with tree-like information structures at the front and the back. Brilliant.
I wish we’d thought of it, oh, 7,000 years ago

It’s called...
Textbooks
Things are changing.
Typed lectures
Lists of links

1.3 Basic Concepts

Python is designed so that there really is a consistent method of handling

- only one basic structure for control
- two looping commands (for, while)

But the language's simplicity doesn't mean that you're not confronted with an overwhelming number of concepts that makes programming a much simpler task.

Object Orientation
Typed lectures
Lists of links

Distracted
Not engaged

1.3 Basic Concepts

Python is designed so that there really
For example, it has

- only one basic structure for con
- two looping commands (while a)
- a consistent method of handling

But the language's simplicity doesn't n
that you're not confronted with an over
that makes programming a much simp

Object Orientation
Tools currently used

- Slideshows
- Blogs
- Wikis
Tools currently used

Slideshows

Blogs

Wikis

Storytelling

Educational

Media Tools
Online education is happening.
WHAT'S HAPPENING WITH THE PROJECT

Gates Foundation Pledges Aid to UC Online Instruction
Faculty Workshop Resources
Selected Courses

UC Online Instruction Pilot Project

Today the University of California finds itself confronting a tremendous challenge: In recent times, there has been a transformation in how students learn. Increasingly, technology and the computer play central roles in their lives – affecting everything from how they gain knowledge to how they communicate with others.

In response to this transformation, UC seeks to reach out to this new breed of students,
Old + New = Good. But...
Broca's patient, referred to as "Tan," sustained a brain injury to the left inferior frontal cortex. This area is known as Broca's aphasia region, which is responsible for "productionaphasia," or the inability to produce speech.

In 1861, just a year after Tan's brain injury, a post-mortem analysis of his brain was performed. The autopsy showed significant damage to the inferior frontal lobe, particularly in the region corresponding to Broca's aphasia. This finding supported the hypothesis that the speech deficit observed in Tan was anatomically linked to the damage in this specific brain area.
Lesson Browser for Students
Lesson Browser for Students

Lesson Builder for Instructors
Trail
“If they don’t get something, they need to ask right then because later in the class is going to build on it.”

- Online Instructor
Lesson Structure

- Discover media
- Organize materials
- Arrange content
Narration
Samples
The double helix, popularized by pop-sci books and magazines since the Human Genome Project, was first proposed by James Watson and Francis Crick as a structure for DNA (deoxyribonucleic acid) which is the genetic material in living organisms. In the following pages, you will learn about what DNA means in the context of a human body, what its chemical constituents are, and how this molecule sustains life from one generation to the next.
Psilocybin is the psychoactive ingredient. There are dozens of species of psilocybin or 'magic mushrooms' belonging primarily to the genuses psilocybe, panaeolus, and copelandia. The effects of their ingestion resemble a shorter acting LSD trip, producing significant physical, visual, and perceptual changes. Nearly all of the psilocybin containing mushrooms are small brown or tan mushrooms easily mistaken for any number of non-psychoactive, inedible, or poisonous mushrooms in the wild. This makes them somewhat difficult, and potentially hazardous, to identify. The
"Who is at risk for dating violence? Everyone. Everyone from every...
...Social class ...Religion ...Culture 
...Race ...Sex ...Origin ...Sexual orientation ...Age. Everyone."

What is ARA?: How common is it?
1/3 teens are victims of some form of adolescent relationship abuse.
What’s next?
With thanks to Advisor Brian Carver, all participants for user research and testing, and Trader Joe’s for all the trail mix throughout the semester.