1. What is this course about?

Generally
How computers and the Internet work and (theory)
how to work computers and the Internet (practice)

Theme
Problems and Procedures -

Focus
Information - representation, storage, transmission, processing

Approach
Look at specific problems, study and create solutions
In particular - understanding and building a web-based slideshow

What’s it Like
A culture and language course in one
An art course - study painting, learn to paint
Driver’s Ed - learn rules of road, learn to drive
Facts, ideas, skills

2. Here’s a problem. Let us look at procedures to solve it

You want to show what college looks like to
family and friends at home (transfer information)

Let us look at solutions (procedures) in 1809, 1909, 2009
Procedure should include representation, transfer, processing

Here is a description of a 2009 solution
A web-based slideshow
But: How does it work? How do I do one?
That is the topic and content of comp10

3. Admin details of comp10

a. Three meetings a week: lectures and labs
b. Explanations, demonstrations, you try it in class (bring laptops)
c. In-Lab directed work - you do it, at the computer
d. In-Lab projects - you do it, we answer questions
e. Assignments - you do it at home, cooperate, come in for help
   • Think of it as a language course -
   new way of thinking, new words, new syntax

4. From problems to procedures - a concrete example

a. We can sort images by date, size, title
b. How do we devise a solution? - you do it
c. Write down your solution in steps
d. Discuss solutions
e. What if you had 100 cards to sort?

5. Complete student info sheet