

# The Art and Science of Digital Imaging

CS 197, fall 2005

## Final Project

There are two goals for the final project: one, to show that you are fluent with the fundamentals of digital imaging, and two, to create something that you want to create.

### **PART ONE due no later than Wednesday, November 16<sup>th</sup> at the beginning of class**

A carefully written proposal (typed, either in email or on paper, 1-2 pages). Please adhere to the "carefully written" part. I will return sloppily-written proposals and require you to re-write them, so don't waste both of our time handing in poor work.

Your proposal should tell me what you want to do and how you think you are going to do it. After reading your proposal I should know **what you are trying to communicate or create**, and **the specific challenges you are giving yourself** by trying to do so. I should know whether you will be handing in a still, a set of stills, or a movie. I should know the approximate spatial/temporal resolution you plan to use, the approximate duration, the approximate number of elements it will contain, and how you plan on acquiring those elements. I should know, roughly, what matters you expect to need and how you plan on creating them.

It is also perfectly valid to have a final project that is an essay. If you would rather explore the theoretical foundations of digital imaging, analyze/critique an existing piece of work, address the social implications of these technologies, reverse engineer Photoshop, or write about this domain in another way please feel free to propose it. I can provide a number of reference texts.

In either case, I will be looking for **how the project you propose demonstrates your engagement with and understanding of the course material**. One way to think about this is to imagine your final project as completed. Is it clear upon observation that you, its creator, are fluent with the basics of digital imaging? If so, you're on the right track.

If you're having trouble coming up with a proposal, please email me ([perry@hampshire.edu](mailto:perry@hampshire.edu)) so we can discuss it. I don't want to feed anyone ideas, but I'd be happy to listen to a list of things that interest you and help you weave them into a project. For inspiration, I recommend talking with the other students, reading the case studies in Brinkmann (on reserve, chapter 16), and looking at movies, commercials, and images in magazines.

### **PART TWO due Wednesday, December 7<sup>th</sup> at the beginning of class**

The final project itself, in the form you proposed. Be sure to include supporting materials such as Photoshop layers, After Effects project files, etc.

The final projects are due only THREE WEEKS after the proposals are due. That's not much time if you're interesting in doing something ambitious.

If you don't hand in a final project proposal and **get it approved by me** before you hand in your final project, you shouldn't expect to receive an evaluation for the course.

There will be **NO EXTENSIONS GIVEN** on the final projects. Please propose something challenging, but do stay within your limits.