

# CMSI 671

## COMPUTER GRAPHICS (GRADUATE LEVEL)

Spring 2007

### Assignment 0116

This assignment is meant to get you started with your shared repository in addition to getting you thinking (just a bit) about your graphics project. Some preliminary reading is included as well.

#### Not for Submission

1. Read Chapters 1 and 2 from Angel.
2. Read Chapters 1 and 2 of the red book.
3. If you haven't done so already, get LaTeX up and running on whatever system(s) you will use to work on your paper.
4. If you haven't done so already, acquire a Keck lab user account.

#### For Submission

We will use the shared repository provided with your Keck lab account for all electronic deliverables; for this assignment, we'll set it up and place some initial files in it.

#### What to Do

1. Type, customize, and print both the source and the final (PostScript or PDF) versions of the sample LaTeX source files that were distributed in class.
  - Your customized prospectus file should be called *your-lastname-671-prospectus.tex*.
  - Your customized paper and bibliography files should be called *your-lastname-671-paper.tex* and *your-lastname-671-paper.bib*, respectively.
2. In a text file called *your-lastname-project-ideas.txt*, list at least three possible ideas for a graphics project. No need to worry about scope or difficulty yet; this is your chance to brainstorm.

#### How to Turn it In

1. Submit your customized prospectus, paper, and brainstorming text file on hardcopy.
2. Commit the source files for these documents to CVS, following the specifications given on the right.

#### Repository Setup

Since I will access your work electronically, you must follow the instructions below *to the letter, down to the capitalization*. Many of these steps are for initial setup only, and subsequent submissions won't be quite so involved:

1. Your Keck lab account already comes with two CVS subdirectories, *projects* and *homework*.
2. Use the *setup-class* script under */afs/cs.lmu.edu/projects/m/metropolis/scripts* to initialize your CVS directories for this course.
  - For this class, the specific invocation is *~metropolis/scripts/setup-class cmsi671 dondi*
  - This script will create two correctly configured directories in your repository: *homework/cmsi671* and *projects/cmsi671*
3. On any computer that you will use for your school work, check out *homework/cmsi671*.
4. Place your brainstorm text file, *your-lastname-project-ideas.txt*, under your local copy of *homework/cmsi671*.
5. Next, check out *projects/cmsi671*. Create a *paper* subdirectory under it. Place your LaTeX files, *\*.tex* and *\*.bib*, in the *paper* subdirectory.
6. Commit your files.

Your final CVS depot tree should include the following files and directories, and I should be able to check them out myself:

```
homework/cmsi671/  
    your-lastname-project-ideas.txt  
projects/cmsi671/paper/  
    your-lastname-671-prospectus.txt  
    your-lastname-671-paper.tex  
    your-lastname-671-paper.bib
```

If CVS problems persist, Caskey Dickson, our lab manager, will hold a CVS learning session on the third Tuesday of the semester. Contact him for details if you want (or need) to attend.