This lab assignment should be done in teams of two. Go through the exercises below and show me your results. If you don’t finish by the end of today’s class, you may show me during the next class.

The task for today is to insert a new image texture into an area of an existing image, such that it is projected correctly. For example, the image below shows a planar area that is covered with a sign for “ComEd”. Let’s say that we want to replace this sign with a sign for Facebook.


Facebook image (on course website).

Following the methods shown in class, map a new image texture onto a planar area of an existing image, using a projective transform (homography). You can use the US Cellular and Facebook images, or find your own.