

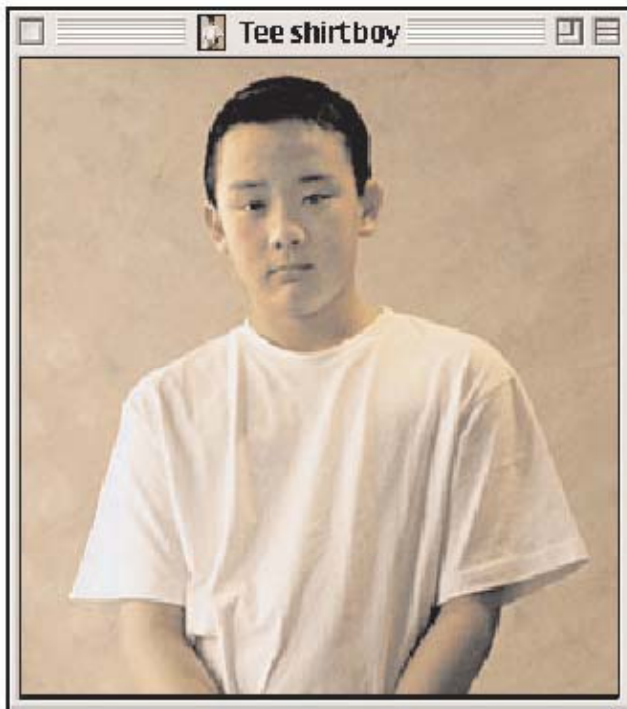


# INTRODUCTION TO GRAPHICS

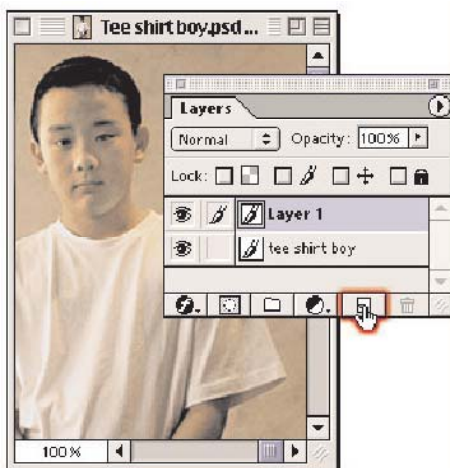
## Displacement Mapping I: Placing a Logo on a T-shirt

Information  
Sheet No. PS736

### Step 1



Here's a great shot of a young man in a white t-shirt— let's put a logo on his shirt, and turn on Photoshop's power to make the logo ripple with his shirt.



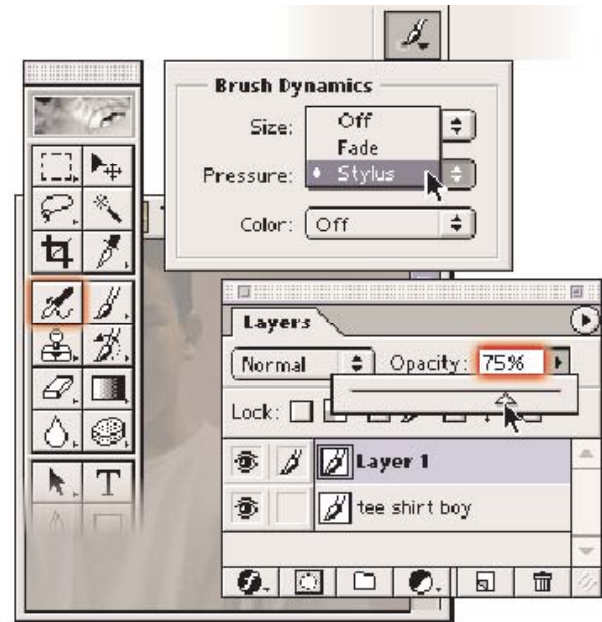
### Step 2

Create a layer above the t-shirt by tapping on the Layer icon— you'll paint in this layer with the airbrush to create our distortion graphic.

Fill the layer with 50% gray— this will be your designated "neutral" for the distortion.

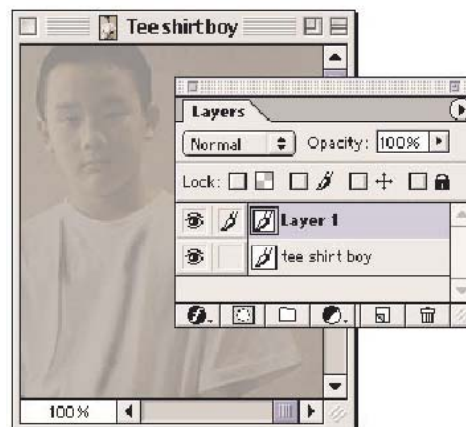
### Step 3

Use Photoshop's airbrush tool set— go to the Brush Dynamics icon at the top of your screen, and set the layer for 75% opacity— that way you can see Tee Shirt Boy underneath.



### Step 4

Paint in your layer with black — try to match the darker areas of the underlying image. If you have one, the Wacom pen's pressure sensitivity lets you get as much or as little black as you want, merely by changing how hard you press.



### Step 5

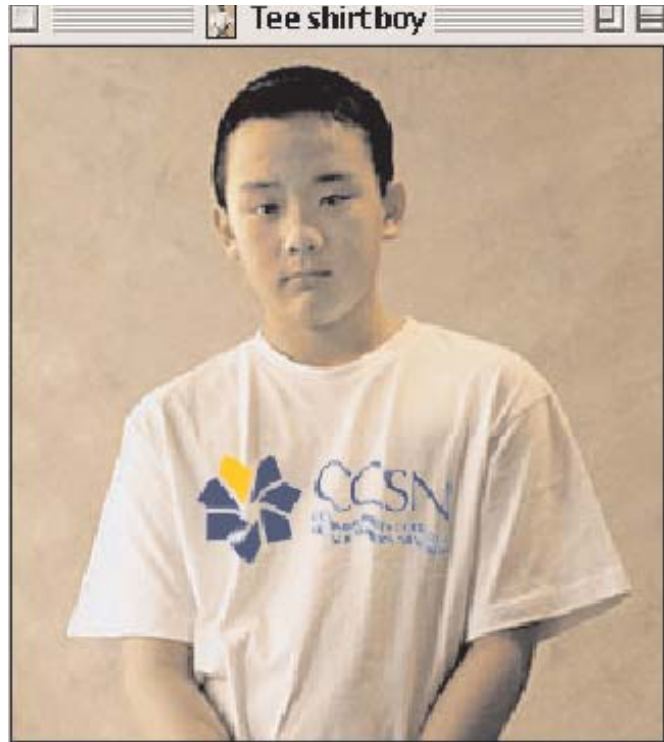
Now paint in the white highlights— go ahead and change the opacity up to 100% if you're curious how the layer looks. Don't worry about getting too exact— here, close is good enough. Copy and paste

the gray layer into a new document and save it as a grayscale image— this is your distortion image.



### Step 6

Place the college logo from the folder right in front of the shirt. Go to Filter— Distort— Displace, and set your H and V scale to whatever you think sounds good (be prepared to experiment a bit here). Select the distortion image you just created, and hit Open.



### Step 7

You'll see a weird distortion effect — you may want to change the layer mode to Hard Light and lower the opacity a bit, depending upon your logo

