You are assigned to shoot, edit and present a photodesign study to demonstrate four digital imaging techniques at a photodesign conference. The final slideshow should briefly explain your process and be displayed from your portfolio website.

**objectives**
1. Review basic principles of photography and use advanced cameras settings to conduct four photographic studies.
2. Learn and apply advanced Photoshop skills for creative image editing.
3. Create and display an auto advancing slideshow in a website.

**instructions**

**A. Capture new photos**
Follow the Photodesign tutorial to capture eight images with advanced settings:
1. **Depth of Field:** (take two different shots for the best results)
   a. Use Aperture priority (A or AV) to capture a shallow focus area, where only one small area is sharp. Try an f-stop of 3.5 or lower, and the macro setting may help produce more blur.
   b. Use Aperture priority (A or AV) to capture a deep focus area where everything is in sharp focus. Shoot in broad daylight, or use a tripod. Try an f-stop of 8.0 or higher, if possible.
2. **Action Capture:** (no flash with these two different shots)
   a. Use Shutter Speed priority (S or TV) to blur action by shooting a moving subject with slower shutter speed (use a tripod and low light: 1/30 or lower).
   b. Use Shutter Speed priority (S or TV) to freeze action by shooting a moving subject with a faster shutter speed (shoot this one in bright light: 1/250 or higher).
3. **Light Painting:** (shoot at night)
   a. Use Shutter Speed priority (1-7 sec.). Move the camera to capture light swirls. (no flash)
   b. Use Shutter Speed priority and a tripod (15-30 sec.) to capture moving lights.
4. **Macro Abstract:**
   a. Use the macro setting to take a close-up shot that has a sharp focus area.
   b. Use the macro setting to take a close-up shot of interesting texture.

**B. Create designs in Photoshop**
Follow the Photoshop tutorials to add creative editing effects to four of the images:
1. Add a Double Border to one of the Depth of Field shots.
2. Add a Smart Filter with a Mask to one of the Action Capture shots.
3. Add a Colored Vignette to one of the Light Painting shots.
4. Use the Overlay Blending Mode to blend the two macros, then add a Burned Border.

**C. Produce a Flash slideshow in Fireworks**
Follow the tutorial to create a simple flash show in Fireworks:
1. Design an intro slide, 480x360 pixels. Include your name, title, and the four studies.
2. Follow the tutorial to prepare images, create and upload your photodesign show to your website before class. Bring the completed evaluation form to class.