

ART209: Digital Art & Design  
**Adobe Photoshop — Lesson 3**

1. Create a new document.
  - a. File > New...
2. Set the document size to:
  - a. 7.5" wide
  - b. 10" tall
  - c. 150 ppi
  - d. RGB color
3. Open the "01\_T-Shirt.jpg" image file.
4. Use the Magic Wand Tool (W) to select all of the white background.
  - a. Pay extra attention to the tolerance setting
  - b. Don't forget the small triangular shape between the subject's legs.
5. Unlock the layer by double-clicking on the "Background Layer" in the Layers Palette.
6. Delete the white background selection.
7. Drag the photo onto your new project canvas and name the layer "T-Shirt Man".
8. Resize the image:
  - a. Edit > Transform > Scale
  - b. or Edit > Transform > Free Transform (Ctrl + T)
9. Create a new layer and name it "White Outline".
10. Move the "White Outline" layer below the "T-Shirt Man" layer.
11. Choose the "T-Shirt Man" layer in the Layers Palette and Select All (Ctrl + A).
12. Using the arrow keys, nudge the image 1px to the left.
13. Expand the selection by 20px:
  - a. Select > Modify > Expand...
14. Choose the "White Outline" layer and fill the expanded selection with white.
15. Copy (Ctrl + C) the "White Outline" selection.
16. Create a new document
  - a. File > New...
17. Paste (Ctrl + V) the copied "White Outline" artwork into the new document.
18. Expand the canvas size by 5 inches in each direction (width and height).
19. Select All (Ctrl + A) and Nudge to snap the marquee to the pixels on the layer.
20. Expand the selection by 50px:
  - a. Select > Modify > Expand...
21. Fill the expanded selection with black.
22. Deselect (Ctrl + D) the image.
23. Blur the image
  - a. Filter > Blur > Gaussian Blur... 50px
24. Change the color mode of the document to Grayscale:
  - a. Image > Mode > Grayscale
25. Change the color mode of the document to Bitmap
  - a. Image > Mode > Bitmap...
  - b. Output Resolution: 300 ppi

- c. Method: Halftone Screen
      - i. Frequency: 12 lines/inch
      - ii. Angle: 45 degrees
      - iii. Shape: Round
26. Change the color mode back to Grayscale
  - a. Image > Mode > Grayscale
  - b. Size Ratio: 1
27. Resize the document image resolution to 150 ppi:
  - a. Image > Image Size > Resolution: 150 ppi
28. Select everything colored black
  - a. Select > Color Range > Sampled Colors
  - b. Sample something black with the eyedropper tool
  - c. Fuzziness: 100
29. Copy (Ctrl + C) the selected pixels.
30. Return to your new project canvas and paste (Ctrl + V) the halftone pattern into the document.
31. Position the halftone pattern behind the "T-Shirt Man", rename the new layer "Halftone Pattern", and move the "Halftone Pattern" layer below the "White Outline" layer.
32. Save the file as "Lesson\_5.psd".
33. Re-color the "Halftone Pattern" red by adding a layer style to the "Halftone Pattern" layer:
  - a. fx > Color Overlay...
  - b. Blend Mode: Normal
  - c. Color: Red
  - d. Opacity: 100%
34. Open the file entitled "02\_Big\_Ben.jpg".
35. Drag the "Big Ben" artwork to the "Lesson\_5" canvas and position it behind all the other unlocked layers (just above the "Background" layer). Rename the layer "Big Ben Photo".
36. Resize/Reposition the "Big Ben" artwork as you desire.
37. Apply a Filter to obscure some of the image imperfections and create a "painterly" style to the image:
  - a. Filter > Brush Strokes > Angled Strokes
  - b. Direction Balance: 50
  - c. Stroke Length: 30
  - d. Sharpness: 0
38. Open the file entitled "03\_Black\_and\_White\_Stripes.jpg".
39. Filter > Distort > Polar Coordinates...
  - a. Rectangular to Polar
40. Drag the new "Rays" graphic into the "Lesson\_5" file and name the layer "Rays".
41. Set the Layer Blending Mode for the "Rays" layer to "Overlay" and the Opacity to 50%.
42. Open the "04\_Passport\_Stamps.jpg" image and copy it into the "Lesson\_5" file.
43. Apply a Filter to create a canvas texture on the "Passport\_Stamps" image:

- a. Filter > Texture > Texturizer...
  - b. Texture: Canvas
  - c. Scaling: 200%
  - d. Relief: 7
  - e. Light: Top Right
44. Set the Layer Blending Mode for the "Passport Stamps" layer to "Luminosity" and the Opacity to 30%.
45. Duplicate the "T-Shirt Man" layer.
46. Filter > Sketch > Photocopy...
  - a. Detail: 24
  - b. Darkness: 24
47. Layer Blending Mode = Multiply; Opacity = 60%
48. Add "05\_Backpack.jpg", "06\_Laptop\_Computer.jpg", "07\_Digital\_Camera.jpg", and "08\_Cell\_Phones.jpg" as desired.
49. Apply filters and effects to create your unique look.
50. Save file in .PSD format
51. Flatten file
52. Save file as .PDF.