

> photoshop vectors

> objective(s):

Students will learn the fundamental techniques of Photoshop's vector Pen and Shape tools

> curricular focus:

These lessons emphasize using vectors to create and edit lines and shapes that can have stroke and fill added later.

> specifications:

see below for each file's name and format

> procedure:

- follow the step-by-step tutorial for each assignment starting on page 2

- you will complete...

- Pen Tool Tutorial

- How to Save Paths in Photoshop

- The Bezier Game

- Pen Tool Practice- Making a Circle

- Pen Tool Practice- Making the Letter J

- Pen Tool Practice- Letters

> requirements:

- each file is named properly

- save as: Pen Tool Practice- Circle_LastnameF

- Pen Tool Practice- J_LastnameF

- Pen Tool Practice- Letters_LastnameF

- each file matches the final output

- Pen Tool Practice- Making a Circle

- pen tool circle is on the left, curvature pen tool circle is on the right

- both circles are the same size and line up on the grid

- circles are not required to be painted

- Pen Tool Practice- Making the Letter J

- letter J exists as a single exterior path

- path lines up with grid

- letter J and filled a color and has a different colored stroke

- Pen Tool Practice- Letters

- paths precisely outline each letter

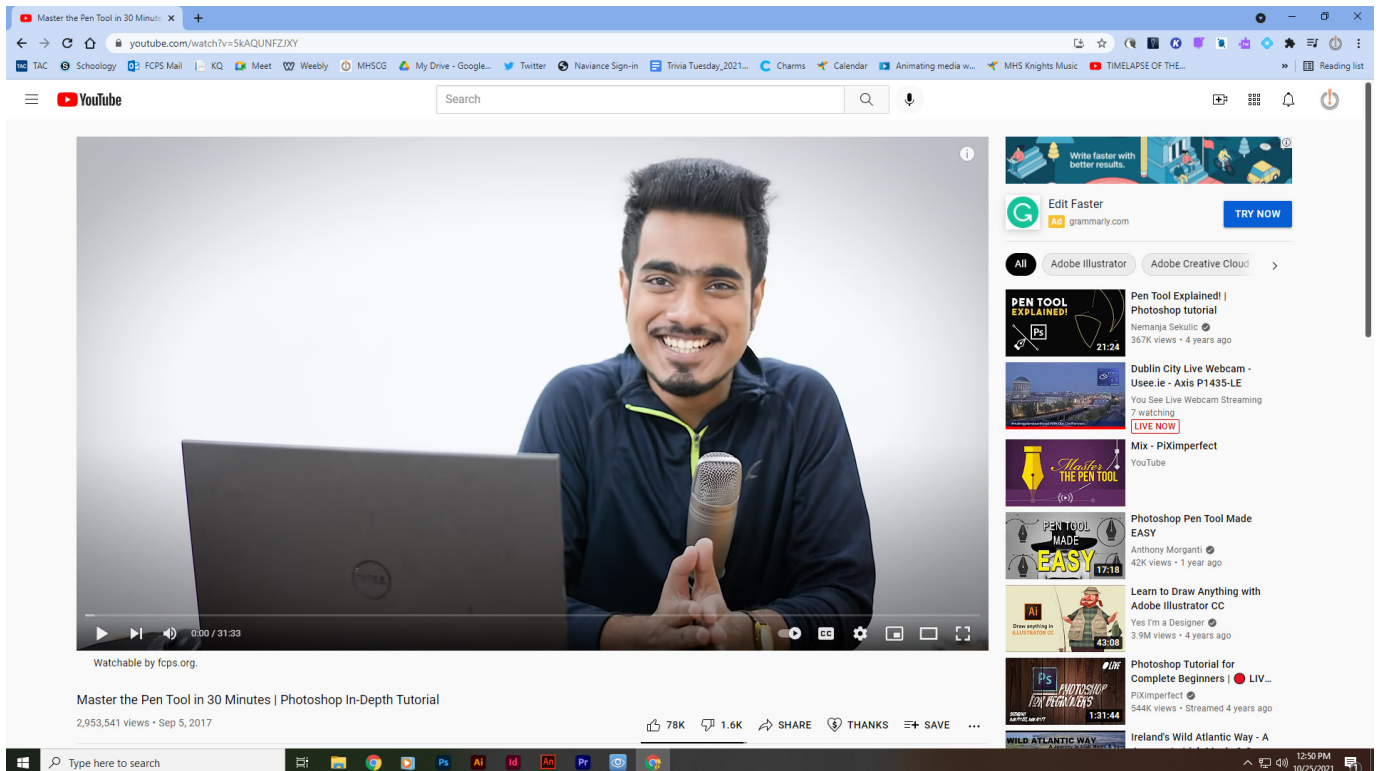
- white layer is visible in the submitted file

> 1: pen tool tutorial

> STEP 1: PEN TOOL TUTORIAL

- create a new document
 - save as: Pen Tool Tutorial_LastnameF
 - width: 7 in
 - height: 5 in
 - resolution: 300 ppi
 - contents: Transparent
- watch and follow the *Master the Pen Tool in 30 Minutes* video tutorial
 - <https://youtu.be/5kAQUNFZJXY>
 - make sure the Pen Tool Mode is set to Path
 - located at the top in the Options Bar just under the Image and Layer drop-down menus
 - do not move forward to the next task in the video until you feel comfortable with the current task
- when complete copy and paste the following statement into the assignment submission in Schoology
 - do not submit until the statement is entirely true for you

"I have watched and successfully followed the entire Photoshop Pen Tool Tutorial video. I understand and can perform all skills/techniques of the Pen tool demonstrated in the video. I understand that if I have any need to refresh any skills/techniques with the Pen tool that I should refer back to the video."

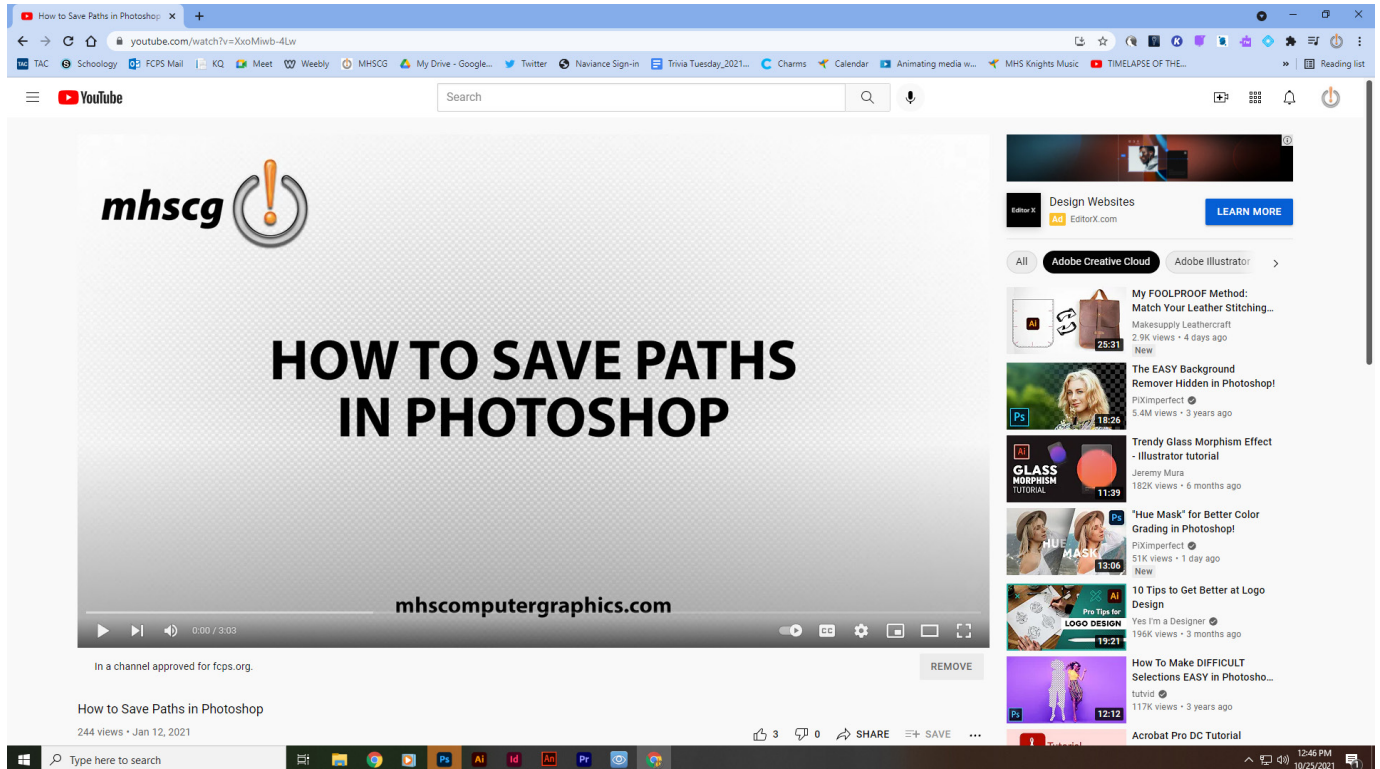


The screenshot shows a web browser window with a YouTube video player. The video title is "Master the Pen Tool in 30 Minutes | Photoshop In-Depth Tutorial" by Nemanja Sekulic. The video has 2,953,541 views and was uploaded on Sep 5, 2017. The video player shows a man smiling and holding a microphone. The browser's address bar shows the URL "youtube.com/watch?v=5kAQUNFZJXY". The browser's taskbar at the bottom shows various application icons including Photoshop, Illustrator, and Premiere Pro.

> 2: how to save paths

> STEP 2: HOW TO SAVE PATHS TUTORIAL

- watch the *How to Save Paths in Photoshop* video tutorial
 - <https://youtu.be/XxoMiwB-4Lw>
 - IMPORTANT!- all paths created the Pen or Curvature Pen tools must be saved for all projects in this class



The screenshot displays a YouTube video player interface. The main video area shows a title card for 'HOW TO SAVE PATHS IN PHOTOSHOP' with the mhscg logo and the website 'mhscomputergraphics.com'. The video player controls at the bottom indicate a duration of 0:00 / 3:00. To the right, a sidebar lists several recommended videos, each with a thumbnail, title, and view count. The Windows taskbar at the bottom shows various application icons and the system clock.

> 3: the bezier game

> STEP 3: THE BEZIER GAME

- complete the Bezier Game vector tutorial

- <https://bezier.method.ac/>

 this video sometimes shows techniques we do not use but the game is still good practice

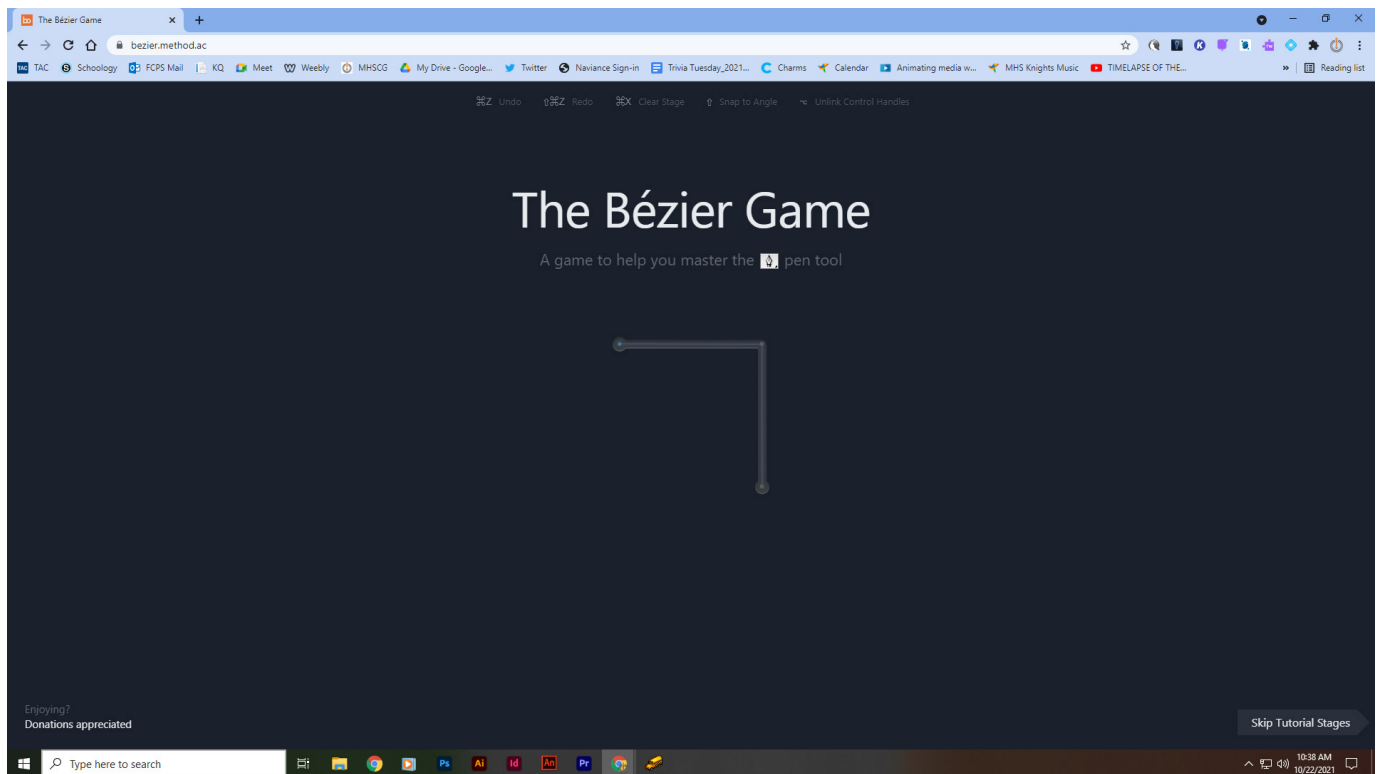
 for example: the tires in the car are made with 2 points when we would use 3

- important! there is no way to save progress so do not start unless you have time to finish

- when complete copy and paste the following statement into the assignment submission in Schoology

- be sure to include the name of the final shape of the game

 "I have successfully completed The Bezier game tutorial. The final shape was _____."

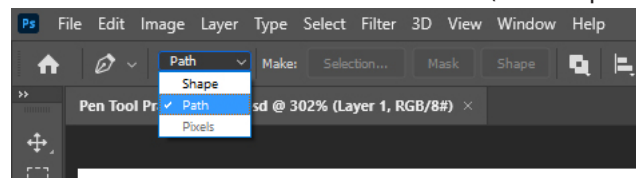


> 4: pen tool practice- circles

> STEP 4: MAKING A CIRCLE

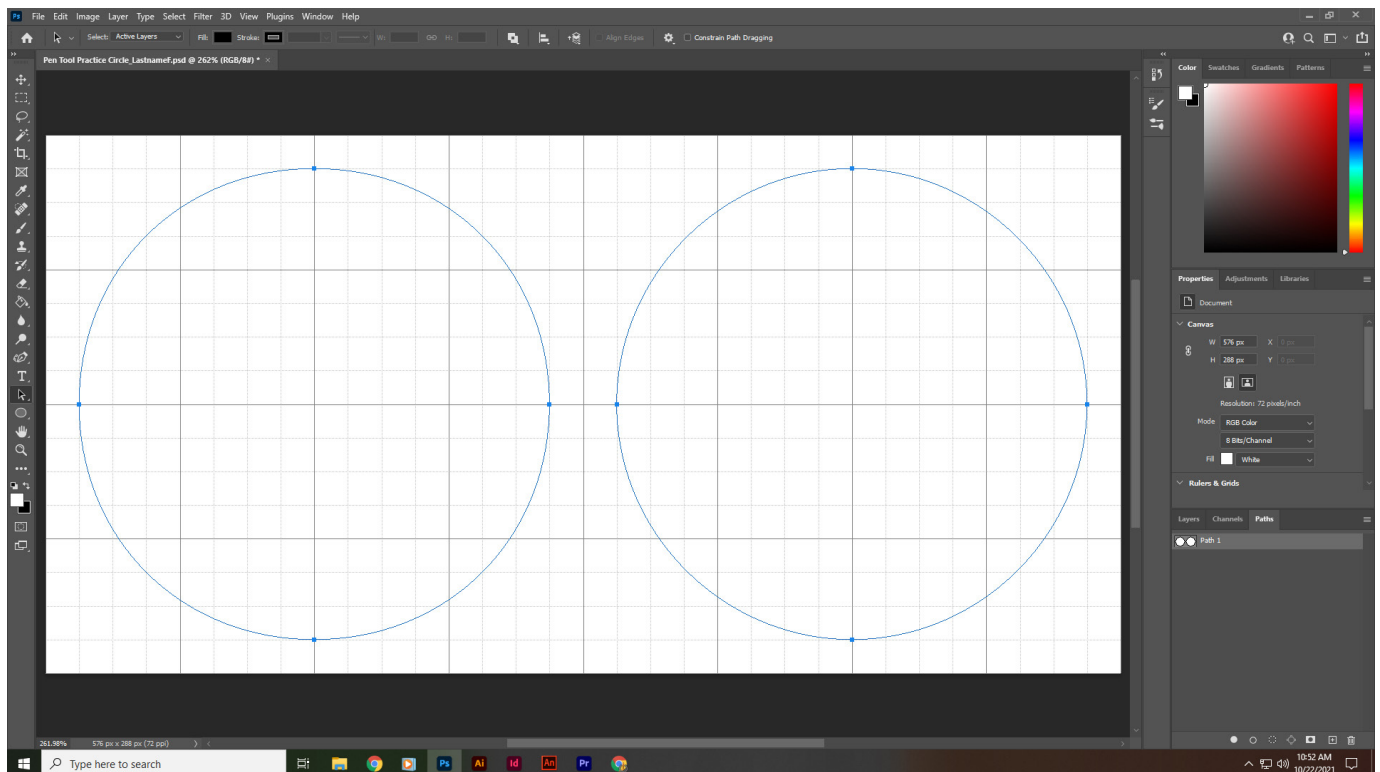
- create a new document
 - save as: Pen Tool Practice Circle_LastnameF
 - width: 8 in
 - height: 4 in
 - resolution: 72 ppi
 - contents: Transparent
- watch and follow the *Pen Tool Practice- Making a Circle* video tutorial
 - <https://youtu.be/qxwaV4ibJcY>

make sure the Pen Tool Mode is set to Path (at the top in the Options Bar)



make sure your Grid is set up the same (or similar) that that in the video
 Pen Tool circle is on the left and Curvature Pen Tool circle is on the right
 circles should be the same size and line up
 make sure you save your paths!

as long as a path is named anything other than Work Path then it is saved

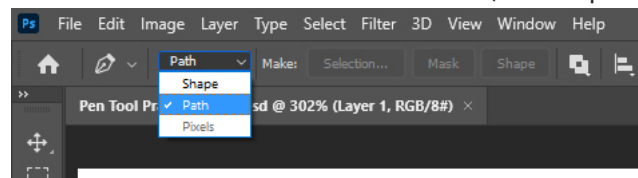


> 5: pen tool practice-j

> STEP 5: MAKING THE LETTER J

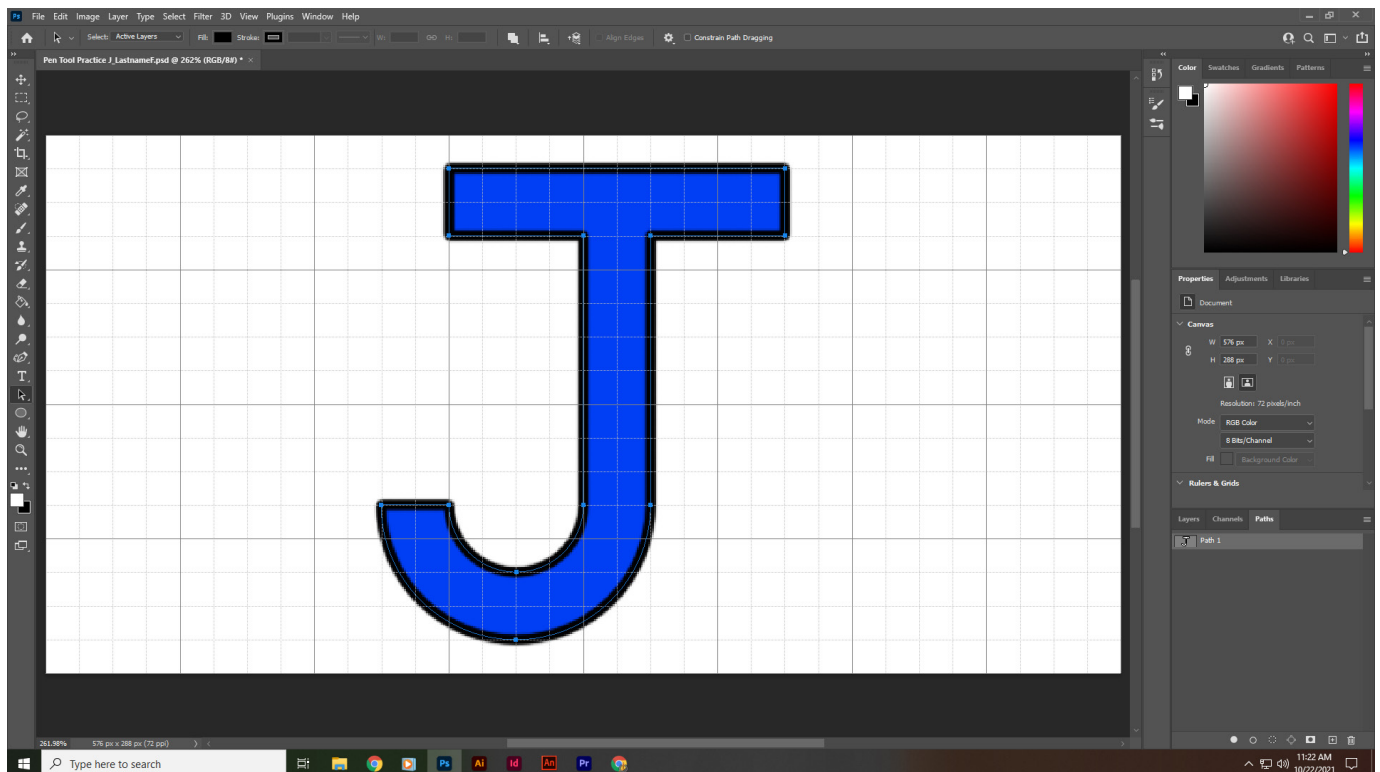
- create a new document
 - save as: Pen Tool Practice J_LastnameF
 - width: 8 in
 - height: 4 in
 - resolution: 72 ppi
 - contents: Transparent
- watch and follow the *Pen Tool Practice- Making the Letter J* video tutorial
 - <https://youtu.be/mSHHvUvhlBI>

make sure the Pen Tool Mode is set to Path (at the top in the Options Bar)



make sure your Grid is set up the same (or similar) that that in the video
 Pen Tool circle is on the left and Curvature Pen Tool circle is on the right
 circles should be the same size and line up
 make sure you save your paths!

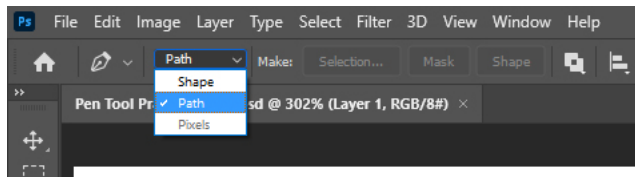
as long as a path is named anything other than Work Path then it is saved



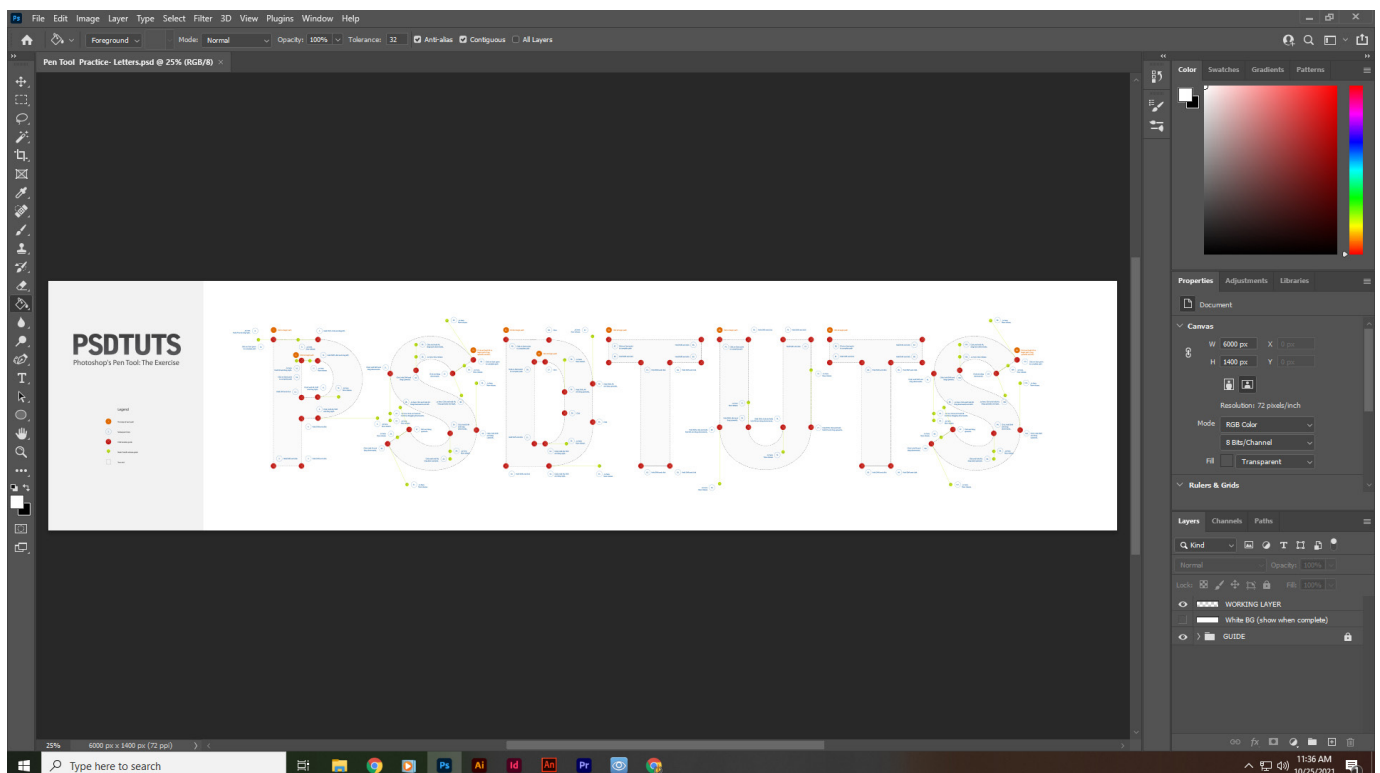
> 6: pen tool practice- letters

> STEP 6: VARIOUS LETTERS

- go into the lesson plan folder and open Pen Tool Practice- Letters
 - save it to your Personal folder
 - save as: Pen Tool Practice Letters_LastnameF
- follow the directions and use the Pen Tool to create the letters
 - make sure the Pen Tool Mode is set to Path (at the top in the Options Bar)



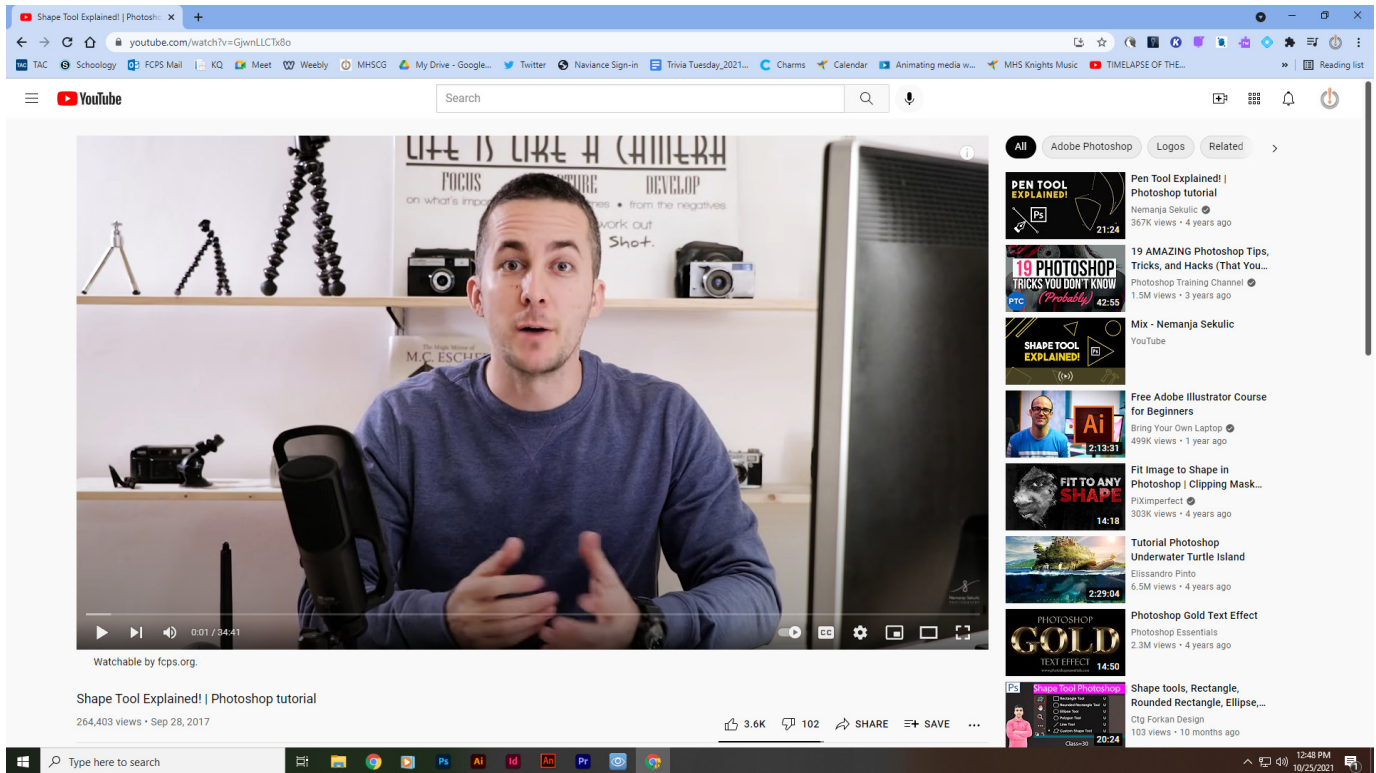
- make sure you save your paths!
 - as long as a path is named anything other than Work Path then it is saved
- when you are done and ready to have your work checked, show the White BG layer



> 7: shape tool tutorial

> STEP 7: SHAPE TOOL TUTORIAL

- create a new document
 - save as: Shape Tool Tutorial_LastnameF
 - width: 7 in
 - height: 5 in
 - resolution: 300 ppi
 - contents: Transparent
- watch and follow the *Shape Tool Explained* video tutorial
 - <https://youtu.be/GjwnLLCTx8o>
important!- stop at 25:12
 - make sure the Shape Tool Mode is set to Path
located at the top in the Options Bar just under the Image and Layer drop-down menus
 - do not move forward to the next task in the video until you feel comfortable with the current task
- when complete copy and paste the following statement into the assignment submission in Schoology
 - do not submit until the statement is entirely true for you
"I have watched and successfully followed the entire Photoshop Shape Tool Tutorial video. I understand and can perform all skills/techniques of the Shape tool demonstrated in the video. I understand that if I have any need to refresh any skills/techniques with the Shape tool that I should refer back to the video."



The screenshot shows a YouTube video player for the video 'Shape Tool Explained! | Photoshop tutorial' by Nemanja Sekulic. The video is at the 0:01 / 24:41 mark. The player interface includes a search bar, a list of recommended videos on the right, and a taskbar at the bottom with various application icons. The recommended videos on the right include 'Pen Tool Explained! | Photoshop tutorial', '19 AMAZING Photoshop Tips, Tricks, and Hacks (That You...)', 'Mix - Nemanja Sekulic', 'Free Adobe Illustrator Course for Beginners', 'Fit Image to Shape in Photoshop | Clipping Mask...', 'Tutorial Photoshop Underwater Turtle Island', 'Photoshop Gold Text Effect', and 'Shape tools, Rectangle, Rounded Rectangle, Ellipse...'. The taskbar at the bottom shows icons for Windows, Google Chrome, Photoshop, Illustrator, and other applications.