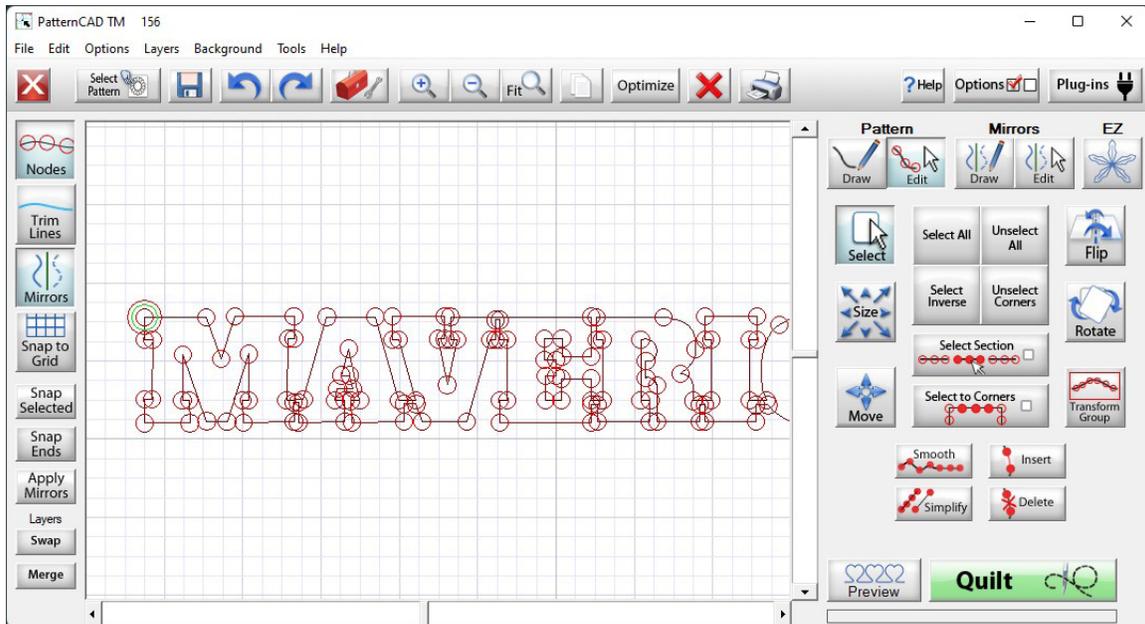


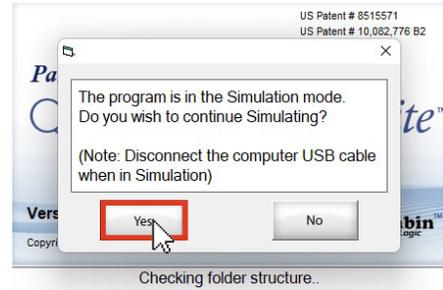
# Fonts in PatternCAD



In this file, you will learn how to upload an image of some text into PatternCAD and trace the image to create a single block.

PatternCAD is a feature only available on the Grace Company's Quilter's Creative Touch 5 Pro software. To purchase QCT5 or to upgrade to the Pro version, you can go to [graceframe.com](http://graceframe.com) or contact your local dealer.

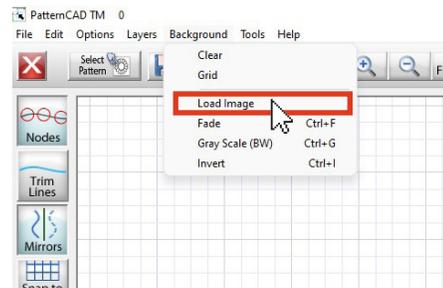
1. To work in PatternCAD, disconnect your tablet from your machine and open your Quilter's Creative Touch 5 Pro (QCT) Software in simulation mode.



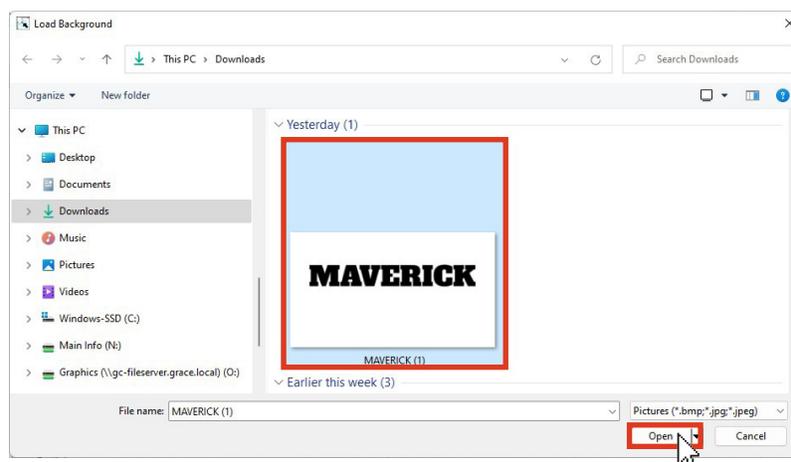
2. Click on the Pattern CAD option under other features on the home screen.



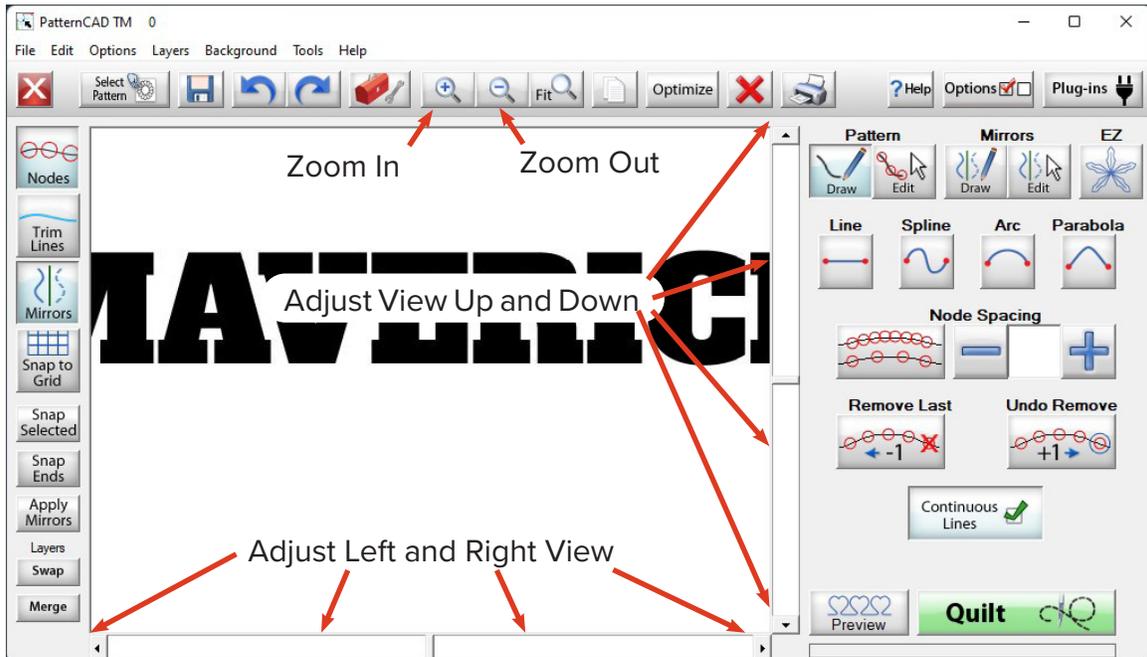
3. Load in the picture of your design into the background of the drawing plane, so you can trace over your design. On the menu bar, click "Background" and then click "Load Image."



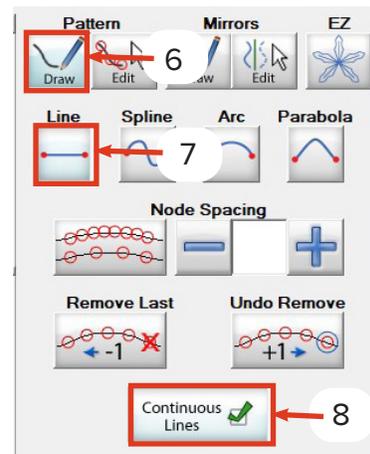
4. Find your image file, click on it to select it, and click open.



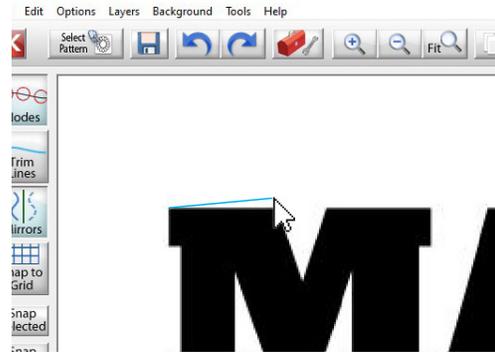
- If your image doesn't fit in the view window you can zoom in and out using the zoom buttons on the top Tool Bar. You can adjust the position of the image by clicking the space on either side of the scroll bars or using the small arrows on the side.



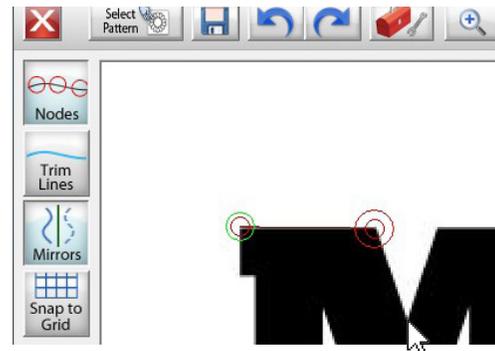
- Select the "Draw" option under "Pattern" on the right side.
- Start with the "Lines" option selected.
- Click the "Continuous Lines" box to turn continuous lines on.
- Make sure Node Spacing is turned off.



10. Start at a corner and click and drag to draw your first line.



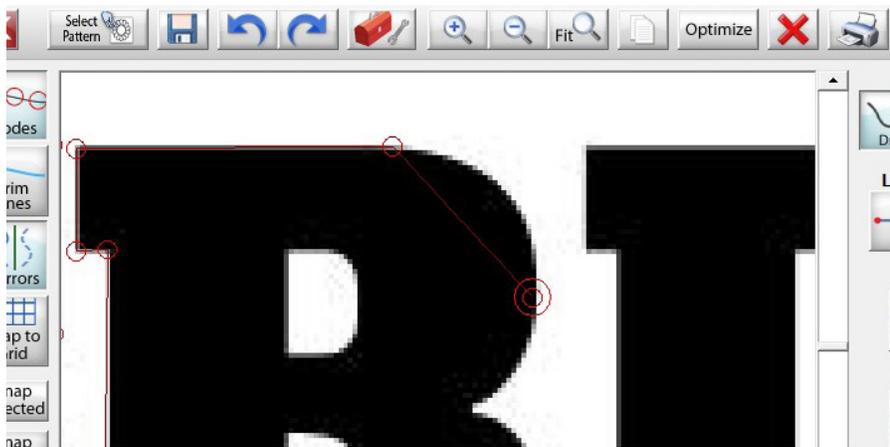
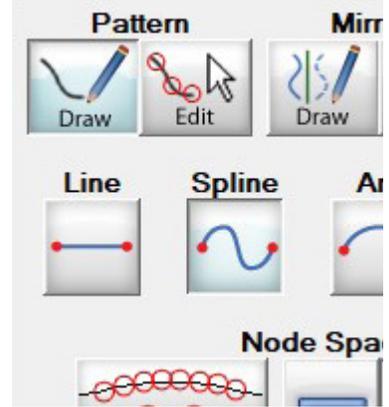
11. The line you created has two circles, one on either end. These are called “Nodes.” Because you have continuous line turned on, now when you click on another point on the drawing plane a line is placed with a node over the last node you made and a node at the place you clicked on.



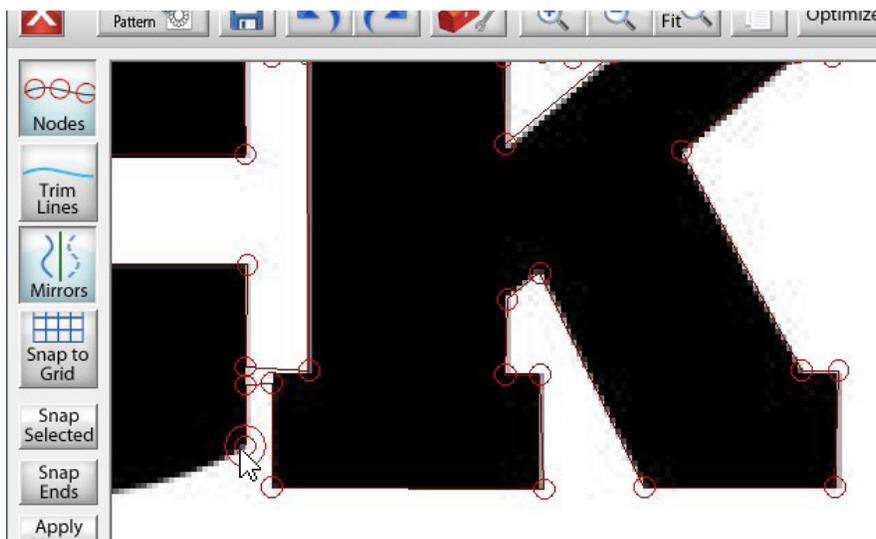
12. Click around all of the points of your design. Draw along the top of the letters and move to the next letter when you get close.



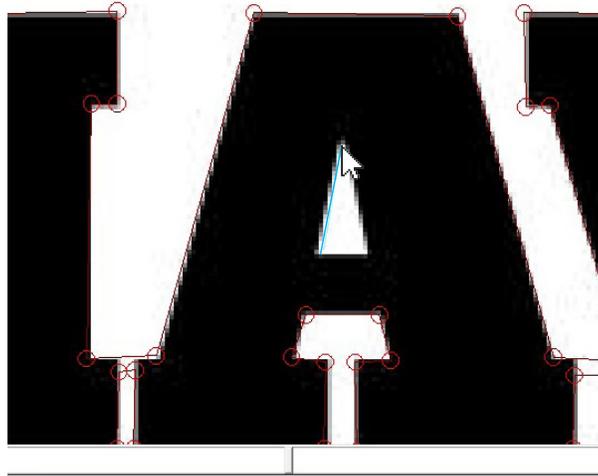
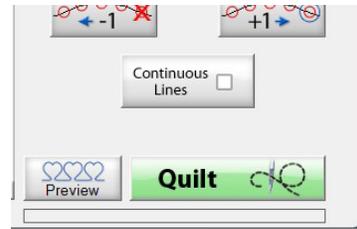
13. When you reach a letter that curves, switch your pattern drawing options to “Spline.” Click to a point around the curve and back to another point.



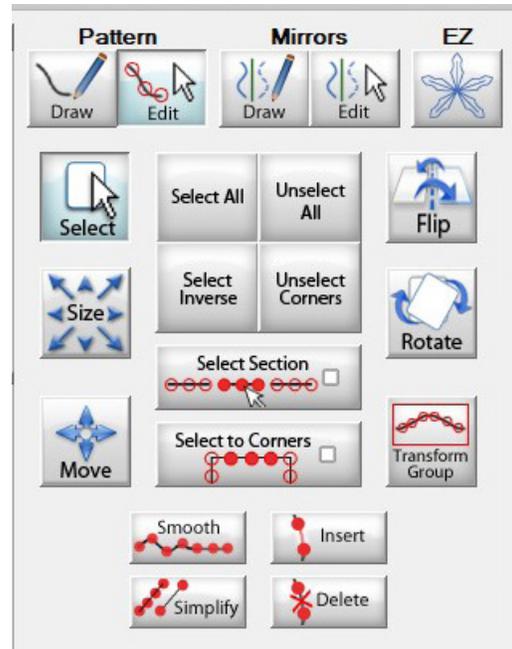
14. Continue tracing around the text, echoing the line made at the connecting lines. Draw until you reach your starting point.



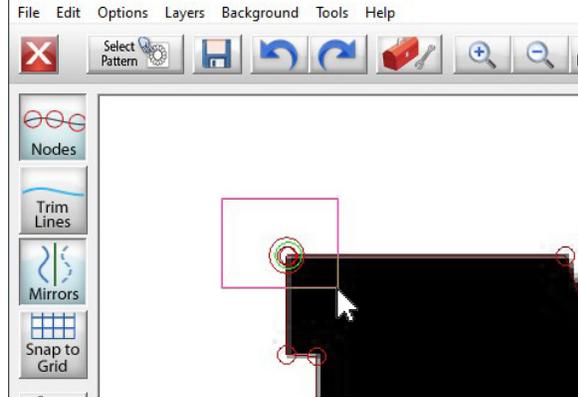
- Return to any inner spaces. Uncheck the continuous lines box. Click-and-drag to make a new line. Check continuous lines again and click at the points inside the shape. Repeat for any other shapes.



- Switch to the pattern editing mode on the right side-bar.
- Click the “Edit” button under “Pattern” on the left side. The “Select” button should be selected. Everything you need for this project will be here.



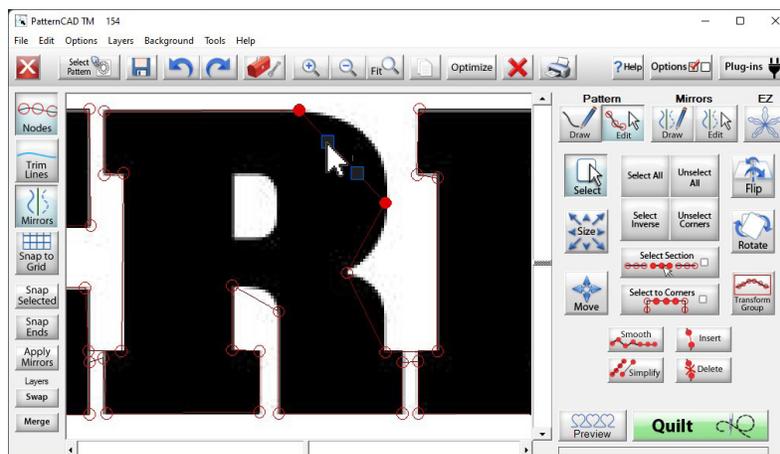
18. Click and drag on drawing plane and a pink box will appear. Drag the box over a node you want to move. When you let go of the mouse, any unselected nodes in the box will fill in red. If the node was selected, it will now be unselected, and return to just the red outline.



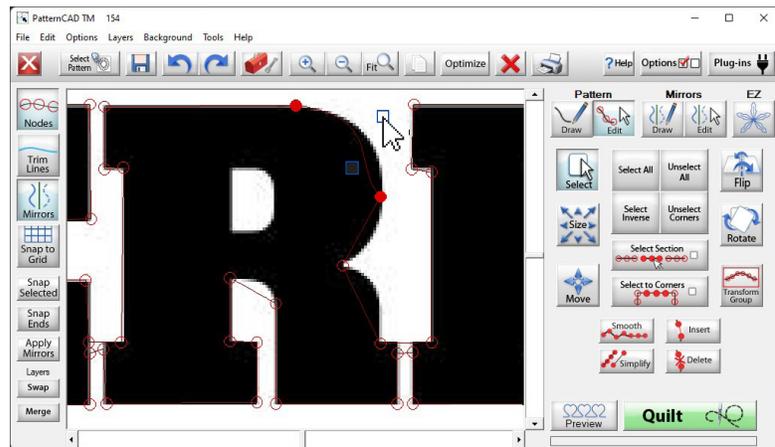
19. To ensure that the selected ends are snapped, Select the starting and ending nodes and tap “Snap Selected” on the right side-bar.



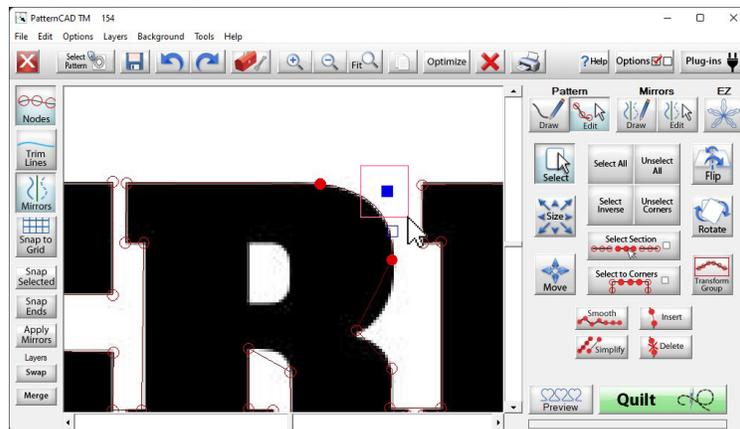
20. Now you will need to curve any of the splines you created. In order to make them curve you will need to select both ends of the spline. When both ends are selected two blue squares known as handles.



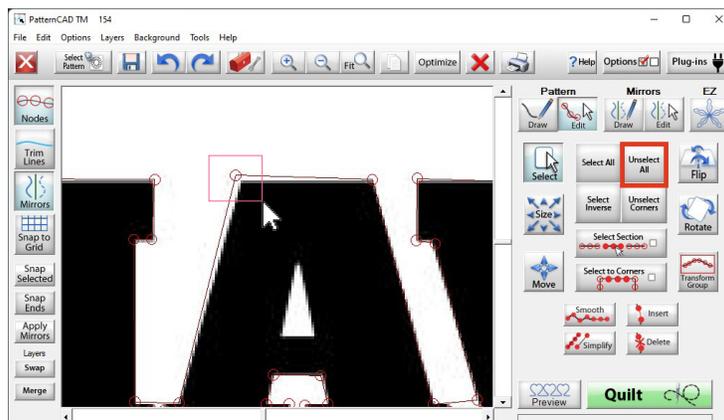
21. Click and drag the handles and adjust the curve to match your design.



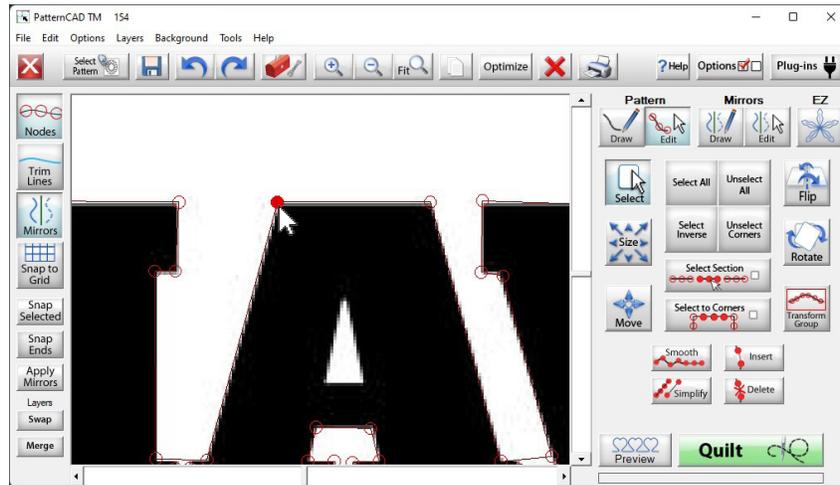
22. If you accidentally select a handle it will fill in blue and will move when you try and move other handles. To unselect it click and drag a pink box around it or click unselect all.



23. In order to move both the nodes that meet at a single point, you will need to select them both. Click "Unselect All" so you can select only the nodes you want to move.



24. Click and drag a box over the nodes you want to move to select them. Now you can click and drag to move the nodes to the right position.

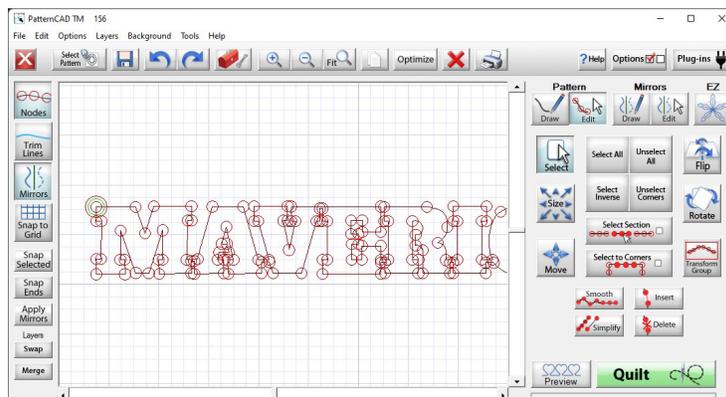
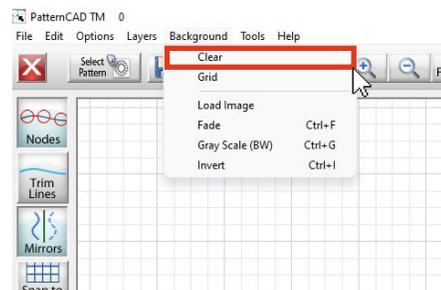


25. After adjusting the nodes click “Unselect All” before you adjust any other nodes.

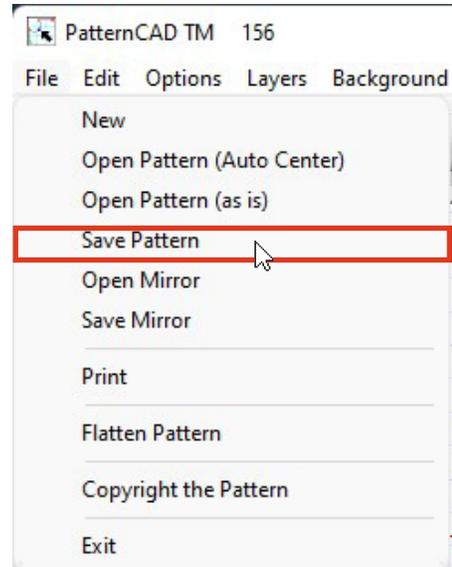


26. Continue making adjustments until you have fit your design to your background drawing

27. Zoom out and remove your background design by clicking “Background” on the top bar and then clicking “Clear.”



28. Click “File” and then “Save Pattern” on the top bar.



29. Select the file where you want your pattern to be saved. You can place it in the continuous line folder, in a folder of your designs or on a flash drive.

30. Click in the box next to “File Name ->.”

31. Type in a name for your file into the Touch Keyboard and hit Enter.

32. Now click the save button at the bottom right of the Save Pattern window.

