

**Class: Intermediate – Machine Quilting w/Ruler Templates
—focus on design, marking and rotating rulers**

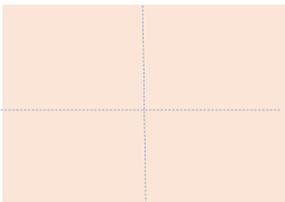
Instructor: Cathryn Scott

Email: Cathryn.Scott@hotmail.com

Note: This class assumes you have taken the beginning class or have the basics of setting up your machine and the proper usage of quilting ruler templates on your machine.

Class Supply List – See details for each item below

1. Quilt Samples - bring three quilt samples to class,
 2. Sewing machine set up for ruler template work
 3. Appropriate Needles and thread for machine quilting
 4. Straight and curved ruler template designed for machine quilting.
 5. Quilting gloves
 6. Marking tools.
- **Quilt Samples - bring three quilt samples to class**, we will be drawing on creating guide lines and markings for our designs.
 - **Fabric – Light, solid, no print.** Good grade Muslin works great for fabric samples for both top and bottom. You will not be able to see your work with prints and med-dark solid fabric will not show your markings. Your thread should be a one or two shades darker than the top, so you can see it, but not too dark as it highlights imperfections that will discourage you. A soft pastel color, like yellow or peach works nicely.
 - Best sample size for ruler work is ½ yard size mini-quilts, approx.18 x 24. Using a cotton batting with a small amount of loft is good for starting like Warm and Natural, or Hobbs 80/20. Avoid high loft batting like wool or poly until experienced and comfortable with using ruler templates.
 - Baste your quilt sandwich together in fourths as this will prevent shifting as you learn to handle the ruler templates.
 - **Sewing machine set up for ruler template work.**
 - **1/2" Ruler Foot for your machine**, the ruler foot is often made specifically for your machine brand and can be purchased through your dealer. You can also find generic ruler feet, like the Westalee brand at your local quilt store or online if they don't have what you need.
 - **An extended base for your machine is a "must have" to do ruler work.** Just the regular bed or free arm will not support the ruler and you risk serious damage to our machine if the ruler is hit by the needle.
 - **Stop w/needle down feature**. It is very difficult to do accurate ruler or ruler template machine quilting without this feature. While highly recommended, it is not a requirement but you will have to manually lower you needle before repositioning the template.
 - **Speed control setting**. Ruler work is slow and takes focus and a smooth rhythm, setting your machine speed to a medium to slow setting takes one factor out of the process-controlling your foot peddle.
 - **Needles:** We will be practicing with different weights of thread, **have available size 10, 12 and 14 needles** for your machine. This will help with tension and potential thread breaking issues.
 - **Thread:** **Aurifil 50 wt** is a good, thin low-lint cotton thread. It works very well for free motion, outlining and simple designs, but does provide minimal thread buildup when over stitching. **Bobbin: The Aurifil 50 wt** used on top will work. Top and bobbin thread do not need to be the same weight or type for machine quilting. We will discuss in depth during class. Wind a couple of bobbins and have a spare as backup when working with the lighter weight threads.





o

- **Ruler Templates.** Many quilters already have the Westalee “Class in a Bag” or “Sampler Template sets”, these have everything you need for this class. Otherwise you will need to supply the straight edge, and curve, we will have the Spinning Wheel available for students to use during class.

- o Straight edge (*Students Supply*)
- o A curve or arc (*Students Supply*)
- o Westalee designs spinning Wheel #36. Samples will be available to borrow for students to ensure we all have the same template.

- o **Grips for rulers.** You will need some type of grip on the bottom of your ruler so not to slide or move on your fabric as you quilt. One that I use is the Handi Grip by Handi Quilter. You only need a few small pieces scattered around your ruler. I also like a thin rubber shelf grip and will have some available for students in the class.
- **Quilting gloves** allow you to grip the quilt and move it under the needle easier, they often help with controlling the ruler template. However, there are many varieties of gloves for quilting, bulky or loose-fitting ones can get in the way when using the templates. You will want to experiment and find what works best for you.
- **Marking tools.** We will be marking lines to follow and points to align the rulers.
 - o **FriXion pen or Blue Water-Soluble marker or an Air erasable (purple)** are the best markers for our class activities. A liquid eraser pen is a nice-to-have to quickly remove markings when you change your mind. Clover makes a good one.