

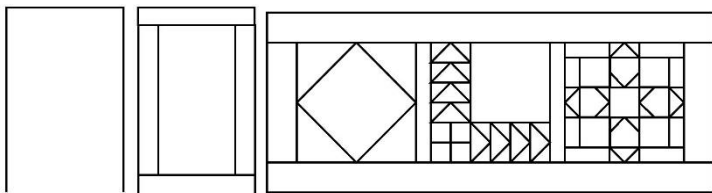
Syllabus

Introduction

This is a short description of purpose of the course material and the major functions of each of the exercises in which they are used. The functions are not listed in any order.

The Layout

Purpose










The first exercise is creating the stitching layout for the remainder of the projects. The stitching in the layout represents what would normally be the seams in the quilt top.

This is accomplished by:

- 1) Copying the project from the USB drive;
- 2) Loading the project in AutoPilot;
- 3) Stitching the layout;
- 4) Loading the patterns for the project;
- 5) Create a Pattern Pad; and,
- 6) Load patterns on the Pattern Pad.

Primary Functions Used

 Edit - Full View	 Sew – Sew Options
 Tool – Trim	 Tool – Transform
 Sew – Sew Zone	 Sew – Go
 Tool - Mask	
File > Open Project	File > Import
File > Pattern Pad	Library > Import Pattern
Pattern Library Pane	Pattern Pad Pane
Settings > Auto Tieoff	Diagnostics > Tieoffs

Project 1

Purpose

This is the first of the edge-to-edge project. In this example the stitching can go beyond the borders of the quilt. This project also included having to roll the quilt and reposition the link between the actual quilt and the screen.














Also, refer to “Extreme Volume Quilting” in the “Hints, Tips & Techniques” section.

This is accomplished by:

- 1) Setting the Sew Zone;
- 2) Measuring the project;
- 3) Creating a project;
- 4) Repositioning to equate the quilt location to the screen;
- 5) Setting up the edge-to-edge pattern;
- 6) Getting rid of unwanted sewing connections; and,
- 7) Stitching the project.

Primary Functions Used

 Edit – Zoom In	 Edit – Actual Size
 Edit–Reverse Sew	 Tool – E2E
 Tool – Group	 Tool – Measure
 Tool – Trim	 Tool - Transform
 Sew – Reposition	 Sew – Go
 Sew–Vert. Lock	 Sew – Sew Zone
 Sew – Horiz. Lock	File > New Project
File > Save Project	Pattern Pad Pane

Project 2

Purpose

This is the second of the edge-to-edge projects. In this example the stitching cannot extend beyond the area being sewn [e.g. there are custom borders, or other blocks].



This is accomplished by:

- 1) Setting the Sew Zone;
- 2) Measuring the project;
- 3) Creating a project;
- 4) Repositioning to equate the quilt location to the screen;
- 5) Setting up the edge-to-edge pattern;
- 6) Getting rid of unwanted sewing connections; and,
- 7) Stitching the project.

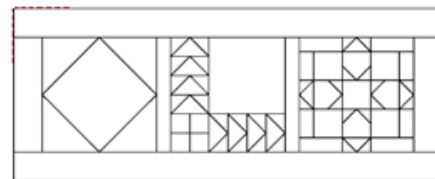
Primary Functions Used

Edit – Actual Size	Tool – E2E
Tool – Measure	Tool – Morph
Sew–Vert.Lock	Tool - Transform
Sew – Reposition	Sew – Go
Sew – Sew Zone	Sew–Horiz. Lock
File > Save Project	Pattern Pad Pane

Project 3 – 7 ~ Initial Steps

Purpose

These are the steps for starting the string of customized blocks in projects 3 – 7. They also include the instructions for restarting if you stop and later restart AutoPilot.



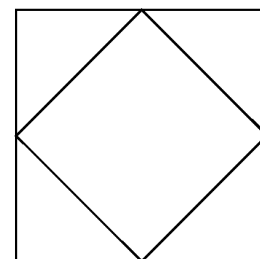
Primary Functions Used

Sew–Horiz. Lock	Tool - Measure
Tool – Transform	Sew – Reposition
Sew – Sew Zone	Sew–Vert. Lock
File > Save Project	File > New Project

Project 3

Purpose

Project 3 is the first of the custom quilting exercises. It starts with cross-hatching the entire block then masking out the center square-in-a-square. A vase is then put in the center square. Lastly an arc / handle of unconnected flowers is placed.



Primary Functions Used

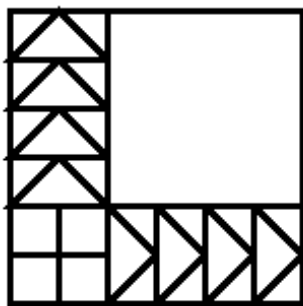
Edit – Actual Size	Edit– Cross-hairs
Tool–Crosshatch	Tool – Mask
Tool – Measure	Tool - Pushpin
Tool - Transform	Tool – Wreath
Sew – Go	Sew–Horiz. Lock
Sew–Vert.Lock	Pattern Pad Pane
File > Save Project	

Project 4

Purpose

Project 4 brings together a variety of techniques and functions. You will:

- 1) Treat each piece of the vertical flying geese as a design element to have a separate pattern.
- 2) Treat each of the horizontal flying geese blocks as a design element to receive a pattern.
- 3) Make a pattern to make arcs on the seams of the bottom left four-square.
- 4) Place an elaborate circular pattern in the top right square and attach an additional pattern to the circular pattern so as to fill in the corners.



Primary Functions Used

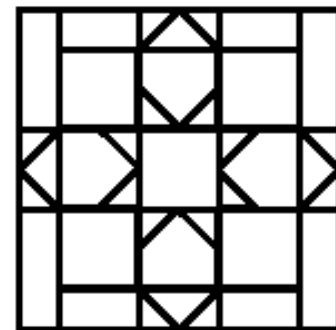
Tool – AutoFit	Tool – Boundary
Tool – Draw	Tool – Join Segments
Tool – Position. Grab/Drop	Tool – Pushpins
Tool – Transform	Tool – Align
Sew – Go	Pattern Pad Pane
File > Save Project	

Project 5

Purpose

Project 5 combines:

- 1) Making a border-corner for one corner and copying it to the others;
- 2) Placing a wreath pattern around the center star;
- 3) Placing designs in the center star points;
- 4) Placing a flower in the center square and then echoing to fill and mask off the unwanted lines.

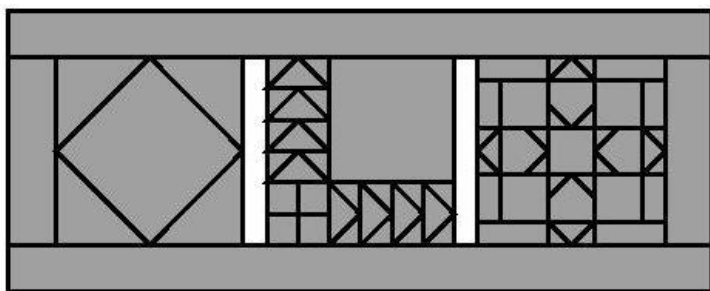


Primary Functions Used

Edit – Pattern Crosshairs	Edit – Reverse Sew
Tool – Draw	Tool – Echo
Tool – Group	Tool – Mask
Tool – Morph	Tool – Pushpins
Tool – Transform	Sew – Go
Tool – Edge-To-Edge	Tool – End Snap
Pattern Pad	File > Save Project

Project 6

Purpose








This project focuses on the two vertical sashings, shown in white, between projects 2 & 4 and 4 & 5.

The sashing is made by creating more, grouped copies, splitting them in the middle, and then flip one end to create a focal point effect.

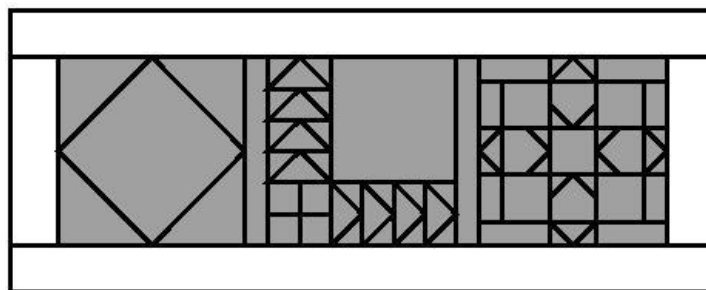
The sashing made for the first is then copied and placed in the second position.

Primary Functions Used

 Edit – Reverse Sew	 Tool – E2E
 Tool – Group	 Tool - Split
 Tool –Pushpins	 Sew – Go
 Tool - Transform	File > Save Project
Pattern Pad	

Project 7

Purpose



This project creates the complete border, shown in white, around projects 3 – 5.

Borders are somewhat unique in that there are two different distances used from the pattern to the edge. On the interior of the border the distance is usually $\frac{1}{4}$ " while on the exterior it is usually $\frac{1}{2}$ " to allow for the space for the binding.

This technique can then be used to create the border around the edge-to-edge project 2.

Primary Functions Used

 Edit – Reverse Sew	 Tool – E2E
 Tool – Group	 Tool – Morph
 Tool – Position. Grab/Drop	 Tool – Pushpins
 Tool - Transform	 Sew – Go
Pattern Pad	File > Save Project

Hints, Tips & Techniques

Purpose

This section is designed to provide you with a wide variety of information and elaboration on aspects and alternatives for the projects, Also included is conceptual information to assist in understanding the various approaches that you will encounter in your profession/vocation.