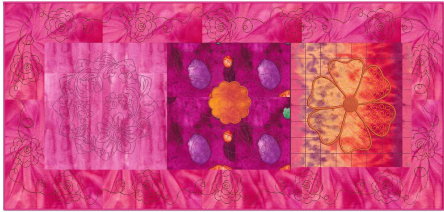


BERNINA
SOFTWARE
INSPIRATIONS

Digitizing for Computerized Quilting




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1

Class Information Included


- Handout
- Copy of the presentation
- Designs & images used to create the project



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2

Images




Public Domain Vectors

From Pixabay



Lynda Smith from LKSDigitalArt



By Victorian Lady

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3

Designs from OESD

→ Floral Quilting




12838-01.art



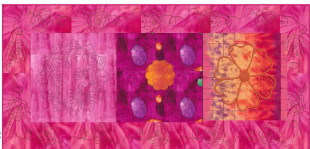
12838-11.art

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4

What you will learn.....

- Adding quilting to an embroidered design
- Adding quilting within a shape
- Adding quilting background around a shape (applique design)
- Digitize a border design



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5

Agenda

- Setting the software for quilting
 - Single or triple stitch
 - Turn off tie-ins and tie-offs
 - Lengthen stitch
- Setting the machine for quilting
 - Activate Smart Secure
 - Balanced Tension
- Types of quilting designs to create
- Project

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6

Stitch Types



Single Pass



Double Pass
Branched or
Blackwork Run



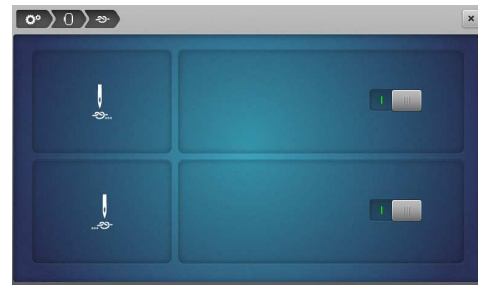
Triple



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7

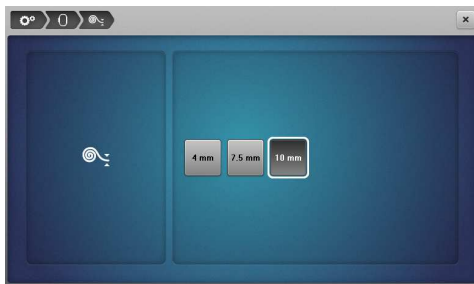
Smart Secure



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8

Adjust for Fabric Thickness

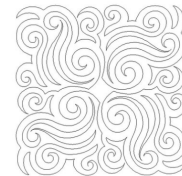


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9

Division of Design Types

- Motif Quilting Designs
 - Usually centered
 - Start & Stop not definite
 - Stand-alone design
 - Usually centered within the block



Water Quilting by
Amanda Murphy

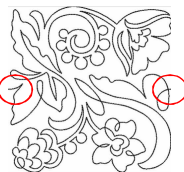


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Division of Design Types

- Continuous Quilting Designs
 - Start & stop that will connect from hoop to hoop
 - Use Pinpoint Placement to connect and align the designs



Floral Quilting



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11

Division of Design Types

- Border Quilting Designs
 - Narrow by nature
 - Usually are continuous design; have defined start and stop
 - Pinpoint Placement for aligning



Continuous Circles
Border 1



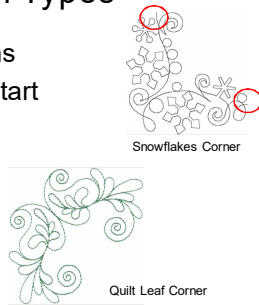
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Division of Design Types

→ Corner Quilting Designs

- Can have a definite start and stop
- Can be stand alone (easier to place)



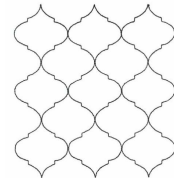
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Division of Design Types

→ Filler Quilting Designs

- Repetitive
- Used to fill-in areas between other designs
- Can be embroidered or can free-motion
- Can use Quilting Background feature



Square Lantern Tula Pink



14

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Division of Design Types

→ Background Designs

- Behind a design
- Can create in software by creating a pattern
- Use the pattern outline or fill as the background for embroidery designs or applique designs



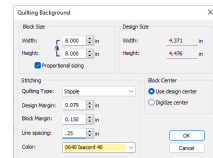
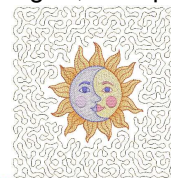
15

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Quilting Background

→ Adds one of five different kinds of quilting around the design

→ Can adjust design margins, block margins, and spacing between lines



16

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Challenges of Background

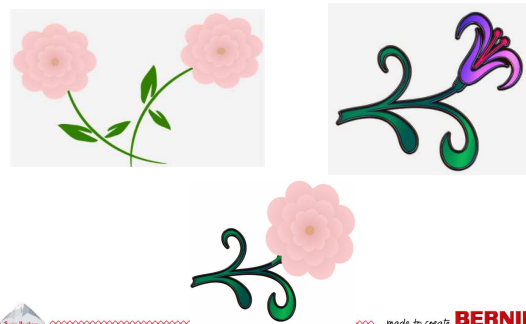
- Limit to types of quilting that you can do with Quilting Background
- Multiple jump stitches with Echo Quilting types
- Only works for quilting outside the shape, what if needed inside the shape?



17

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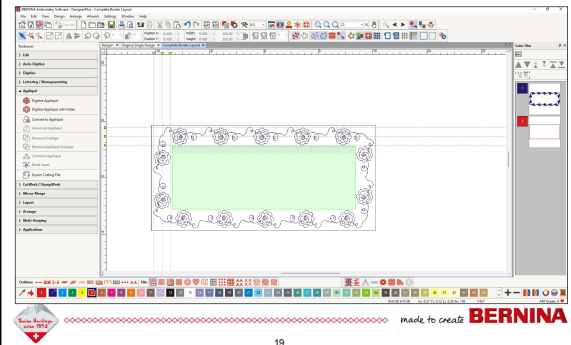
Created a combined image



18

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Software Lesson



19

Supplies

- Three 9 1/2" blocks
- Border cut at 3 1/2" wide
 - Corner squares or mitered option
- Backing: 39" x 21"
- Batting: 39" x 21"
- Piece entire top using # 97D

20

Align with Center

- Mark centers of each 9 1/2" block
- Begin with center block (applique block)



21

Applique Block

- Embroidery tension



22

Quilting Design

- Matching thread; balanced tension



23

Used Freearm of Machine

- Removed pins on left side of table runner
- Batting and backing from left side of runner put under freearm so could accommodate clamp of hoop of hoop arm



24

Back of design

- Stitches on back only showed quilting stitches



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25

Quilting in Shape

- Quilting in Shape
 - Hoop top, batting, and backing
 - Aligned in center and stitched

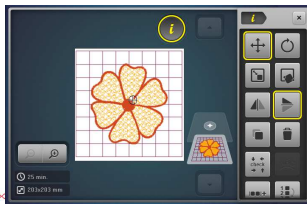
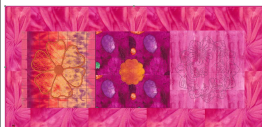


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26

Grid Quilted

- Design flipped—mirror up and down
- Stitch center design with Ultra Clean N Tear behind runner
- Backing and batting under freearm
- Embroidery tension



27

Grid Quilted

- Remove hoop
- Thread same color in top and bottom
- Balanced tension
- Smooth batting and backing behind hoop; pin in place in border
- Add basting box to hold layers before quilting (optional)



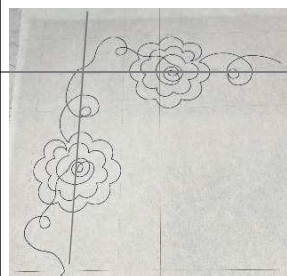
Mark Border

- 1 1/2" from inner squares
- Baste 1/8" from edge of border all around runner



29

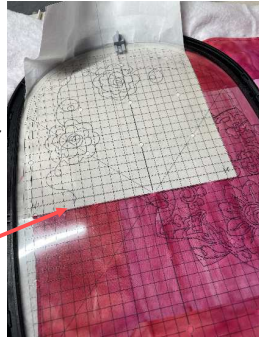
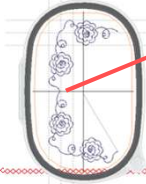
Template Paper Aligned



30

Corner Designs

→ Aligned center of corner design with center of table runner (marked on fabric)



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Corner Design

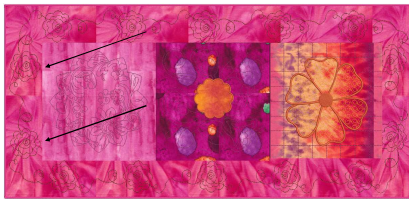
→ Pinpoint Placement for start and end



32

Corner Design

→ Absolute Check to check other key areas
- Edge of flower along border

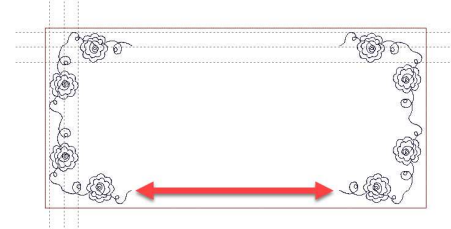


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33

Corner Designs

→ Measure and calculate

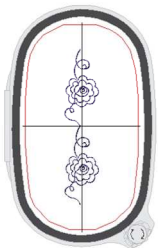


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34

Side Design

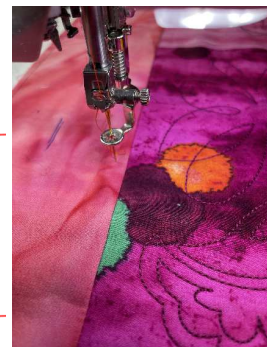
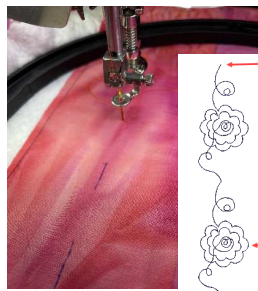
→ Use template to help keep straight



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35

Side Design

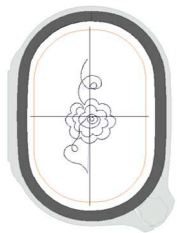


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36

Single Design

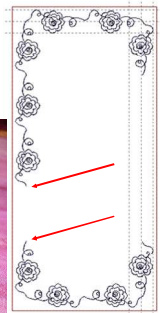
→Template to align straight



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Single Design



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38

Finishing

→Trim batting and backing

→Bind table runner



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Final Project



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