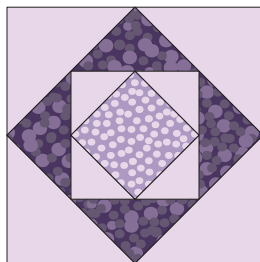


# Tucker University

2022-2023



## Educating Quilters

787 Madison Ave.  
Painesville OH 44077  
United States  
(440) 567-7950 • (847) 445-1976

[www.Tuckeruniversity.net](http://www.Tuckeruniversity.net)  
[Tucker.univ@gmail.com](mailto:Tucker.univ@gmail.com)

# Studio 180 Design makes quilting fun and easy.

Deb Tucker is the creative kingpin behind the Studio 180 Design tools, techniques and patterns. She and her team continue to create quilting tools and processes for quilters to construct basic fundamental units with the precision and accuracy that allows quilters to create quilt tops and projects with ease. She has also developed a line of tools referred to as Rapid Fire, which eliminates the use of templates and paper piecing while increasing the level of accuracy for the Hunter's Star, Lemoyne Star, Wedge Star and Star 60. You can find the full Studio 180 Design product line at [www.studio180design.net](http://www.studio180design.net).



Deb continues to educate quilters with teaching videos and demonstrating her tools for hours on end at large quilt shows. In addition, she utilizes her Certified Instructors to assist her with educating quilters on the uses of the Studio 180 Design tools and techniques. Certified Instructors are trained, certified, and re-evaluated under Deb's watchful eye and training. A listing of Certified Instructors is available at the Studio 180 Design website at [www.studio180design.net](http://www.studio180design.net).

## Features of Studio 180 Design tools and techniques:

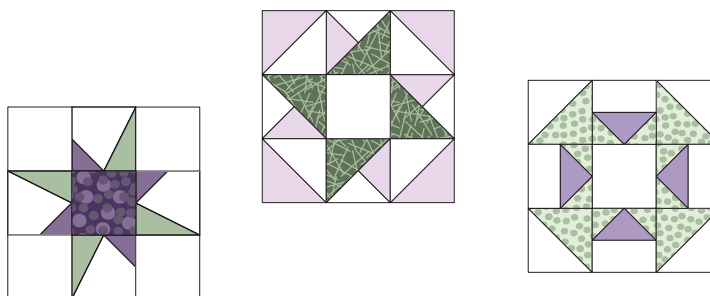
- ❖ Provides both left- and right-handed instructions
- ❖ Free online tutorial videos for the tools and techniques
- ❖ Each tool can be used to create many different size units
- ❖ Units are created slightly oversized and then trimmed to precision
- ❖ These units can be used on most quilt patterns

## Hire a Studio 180 Design Certified Instructor

Certified Instructors are available throughout the United States, Canada, and even internationally. Each Certified Instructor acts as an individual business. Therefore, if you are interested in having a Certified Instructor teach at your shop, you would contract with the individual instructor.

Feel free to contract Certified Instructors for other events such as trunk shows, demonstration days, and staff development. Some of the Certified Instructors have their own line of patterns that support the Studio 180 Design tools and techniques.

A listing of Certified Instructors is available at the Studio 180 Design website at [www.studio180design.net](http://www.studio180design.net).



# Tucker University Mission

The mission of Tucker University is to assist shop owners and quilt instructors in providing the best educational experience when teaching how to fully use any of the Studio 180 Design tools and techniques.

Tucker University offers a teaching curriculum for technique and project-based classes. The duration of the classes are typically 3 or 4 hours depending on the class objective. Technique classes are single-day courses. Project-based classes, such as in the Junior year, are multiple-day sessions.

Classes are supported with a teaching packet. Teaching packets have been developed using educationally researched based methods. The teaching packet allows the instructor to focus their efforts on promoting classes and creating samples rather than planning and preparing for class. Details of the Teaching Packet can be found on the next few pages of this product guide.

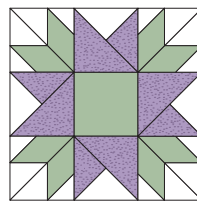
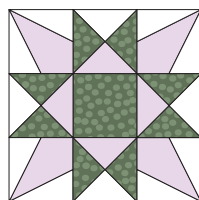
## Tucker University Curriculum Purchasing Options

There are 4 years of curriculum currently available: Freshmen, Sophomore, Junior, and Senior year.

The Tucker University can be purchased in a sequential manner using an auto ship membership or in an à la carte manner.

The **Membership** option is the best investment. It is a one-time fee. The Membership option ensures that you have a full sequence of courses that cover the Studio 180 design tools and techniques. You will be shipped one lesson each month which includes the teaching packet along with a minimum of 6 corresponding design sheets for a year until you have received all 12 lessons plus the bonus lesson. Once you have acquired the curriculum, you are welcome to repeat the lessons and order additional design sheets as needed.

The **à la carte** option allows you to purchase individual lessons of your choosing. Each lesson will include the teaching packet along with 6 design sheets for that specific course. These lessons can be repeated as much as you desire. Keep in mind, the lessons specifically in the freshmen year, are sequential and do build from the previous lesson. The sophomore year can easily be separated into semester 1 and 2. Each project in the junior year can be a stand-alone event creating a series of 3 classes.



# Freshman Curriculum

The Freshman year curriculum is an excellent **starting point for students** to become familiar with the Studio 180 Design philosophy of oversizing the unit and then trimming to precision. This curriculum supports the instruction of being able to identify basic quilting units by name and how to combine units to design individual blocks.

Most of the freshman year **classes are 3-4 hours in length**. Students improve their piecing skills using practice fabric or create a sampler project of their own. Each course requires the student to purchase the corresponding Design Sheet to support their learning.

## Sequence of Freshman Courses

### Freshman Year Shop Owner's Guide

- 1-101 Tucker Trimmer & Shaded Four Patch
- 1-201 V-Block & Sidekick & High/low
- 1-301 Wing Clipper & Pickets & Quickets
- 1-401 Square Squared & Little Houses
- 1-501 Corner Beam & Sliver
- 1-601 Rapid Fire Lemoyne Star
- 1-701 Corner Pop

### 1-801 Split Rects

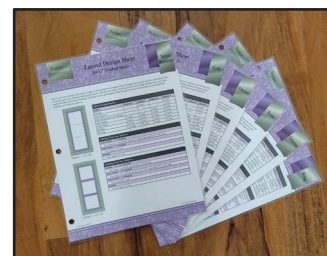
- 1-901 Diamond Rects
- 1-1001 Large Square Squared
- 1-1101 Rapid Fire Lemoyne Star: Advanced I\*
- 1-1201 Rapid Fire Lemoyne Star: Advanced II\*
- 1-1301 Bonus: Migrating Geese

\*Prerequisite class is 1-601



## Layout Design Sheets

**Layout Design Sheets** should be a part of every quilter's resource binder. Layout Design Sheets provide the quilter with ideas on how to arrange 12" finished blocks in either straight rows or in an on-point arrangement, with or without sashing. The best part is that the Layout Design Sheets provide the quilter with fabric requirements for each layout. There is a Layout Design Sheet for quilts projects in the following sizes: Table Runner, Crib, Throw, Twin, Queen, or King.



# Sophomore Curriculum

The Sophomore year curriculum offers the opportunity to **continue building piecing techniques** during the first semester followed by the School of Design. The second semester, or School of Design, is when students **design their own quilt top** with the guidance of the instructor using the Studio 180 Design tools and techniques of their choice. These semesters are not dependent upon each other, so you could jump to second semester if you wanted to do so.

Sophomore year **classes are 3–4 hours in length** with the option to continue with open sew time. It is strongly recommended for students to have completed all or most of the Freshman curriculum to participate in the School of Design. Freshman-year Design Sheets are used during the School of Design.

## Sequence of Sophomore Courses

### Semester 1

- 2-101 Birds of Paradise
- 2-201 Stacked Squares
- 2-301 Rapid Fire Hunter's Star
- 2-401 Eight at Once & Non Mirror Combo Units
- 2-501 Four Patch Square Up
- 2-601 Geese on the Edge

### Semester 2

- 2-701 School of Design—Planning
- 2-801 School of Design—Building Phase 1
- 2-901 School of Design—Building Phase 2
- 2-1001 School of Design—Building Phase 3
- 2-1101 School of Design—Sashings and Borders
- 2-1201 School of Design—Quilting and Binding
- 2-1301 Bonus: Shaded Nine Patch

**Start with a framework + a freshman block + continue building pieced borders**



# Tucker University Resources

## Each teaching packet contains the following items:

- ❖ Course description
- ❖ Supply List
- ❖ Lesson Plan
- ❖ Black line master (student handouts)

With the exception of the lesson plan, the **materials are ready for distribution** to the students who enroll in each course.

## Course Description for each course

**1-101 Tucker Trimmer I® and Shaded Four Patch** Learn how to use a Tucker Trimmer I® to create half square triangles, quarter square triangles, and combination units. With the Tucker Trimmer I® alone, a quilter can make three (3) different units in 11 different sizes. These units are often what we refer to as basic units, therefore they must be precise to fit nicely with more advanced units. This is a perfect place for any quilter to begin their journey through the Studio 180 Design set of tools.

You will also learn how to expand the use of your Tucker Trimmer I® by creating a Shaded Four Patch unit. By using Deb Tucker's method of strip piecing the construction of a shaded-four patch, the quilter eliminates the need to stitch fabrics on an unsecured bias. This method also eliminates the stretching and puckering within the unit. Quilters will use their Tucker Trimmer I® to finalize their units and then discover a wide array of layouts that can be created with just one block.

\*Required tools: Tucker Trimmer I® and Quilter's Magic Wand®

\*Required Technique Sheet: Shaded Four Patch

\*Required Design Sheet: Tucker Trimmer I

\*These items can be purchased at your local quilt shop or at the class

## Supply List for each course

### **Basic Sewing Supplies**

Sewing Machine with  
power cords and manual (just in case)  
Thread  
Machine needles  
Snips or trimming scissors  
Seam ripper

### **Basic Quilting Supplies**

Rotary cutter with a sharp blade  
Marking Pencil (mechanical will do)  
Small cutting mat  
Straight edge ruler approx. 6" x 12" or so  
Invisigrip (Optional)  
Best Press or light starch (Optional)

**Fabric Requirements:** Fabrics will be cut during class. Therefore, the fabric requirements are healthy amounts so that you can make your own design choices during class.

For course 1-101, we recommend the following yardage:

3/8 yard Focal Fabric

3/8 yard Background

1/4 yard of a coordinating or contrasting fabric with the focal fabric

1/4 yard of a coordinating or contrasting fabric with the focal fabric

# Tucker University Resources *cont'd*

## Lesson Plan for each course

*Pacing Clues* →

30 mins

Students return to their work station to create half square triangles. We would like them to make at least 4 half square triangles in about the next 30 minutes.

This is a good time to do small group demos, when it comes time to trim down the unit.

**Teaching Note:** The half square triangle units ARE NOT to be trimmed down. The trim down process will come after the students have stitched a half square triangle to a full square. Then they will trim the unit apart, press it and make a final trim down to the required cut size.

← *Teaching Notes  
are denoted by a text box*

*Checks for Understanding* →



If we needed to make (4) half square triangles, how many squares of fabric do we start with? **Answer:** (2) two of each color

5 mins

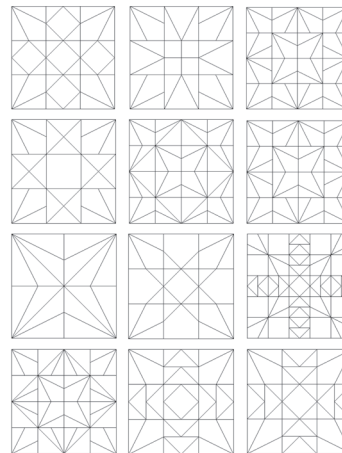


**Wrap up:** Promote the next class. You can promote the next class by having units prepared to show the students. Since you just shared your block, what would happen if you took out a unit or two of the current units and replaced them with the next class's unit? In this case, that would be a few V-blocks?

← *Wrap Up*

*Black Line Master* →

Tucker University  
Corner Beam - Blackline Master



Note: Some of the blocks shown on the Corner Beam Design Sheet have identical layouts using the same units, the color placement is what makes them look so different. Enjoy!

# Junior Curriculum

The Junior year curriculum is all **project-based classes** including the opportunity to learn how to use additional tools and techniques from Studio 180 Design. Junior year students should be confident quilters.

Each project is designed as 3 classes, 4-hours in duration. Students will have homework to complete to be prepared for the next lesson. It is recommended that each project be offered as a 3-month series or a 3-day retreat project.

Each project comes with a **teaching packet** that includes the supply list for each project and lesson plan for the instructor. Each student is to **purchase a corresponding design sheet** which includes the fabric requirements, cutting instructions, and layout diagrams for several different-sized projects.

## Junior Year Purchasing Options

The Junior Year curriculum can be purchased in three different options: à la carte, 4-project membership, or 6-project membership. The **à la carte** method allows you to purchase individual projects at any time. The **4-project membership** allows you to select any 4 of the 6 projects to create a full year of course offerings. The **6-project membership** gives you all 6 projects to offer 18 months of classes.

Each student needs to purchase the corresponding Design Sheet for fabric requirements, cutting instructions, and layout options in addition to any required Studio 180 Design tools and/or technique sheets.

Projects can be taught in any sequence.

- A. Corner Pop III
- B. Cyclone
- C. Offset Four Patch
- D. Split Rects Bonus Unit
- E. Wedge Star
- F. Triangle Pizazz



A



B



C



D



E



F

# Senior Curriculum

The Senior curriculum should come with a warning label, “This tool can be addictive!” The **Star 60™** tool makes working with 60° angles a breeze. There is so much that a quilter can do with the Star 60 tool that Tucker University devotes most of the Senior year to just this one tool.

A **Course description** for each class is available in the Shop Owner’s guide that comes with your full year membership. Each class comes with the **teaching packet** that includes the student supply list with pre-cutting instructions and the instructor’s lesson plan. Each student is to **purchase the corresponding Tucker University Design Sheet** for additional design inspiration.

Classes have been designed as a 3-hour session. Students can save their blocks throughout the year to create a final project with multiple layout options or create their own projects as the year progresses.

## Senior Year Purchasing Option

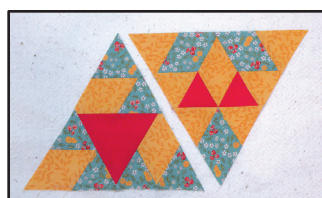
The Senior year curriculum has been written in a sequential manner where students will build upon their previous learned skills as they progress through each lesson. Individual lessons can be purchased on an à la carte basis; however, for best results Tucker University encourages the Senior year to be taught in a full year sequence.

Each student will need to purchase the required Studio 180 Design tools and technique sheets along with the Tucker University Design Sheet per class.

## Sequence of Senior Courses

### Senior Year Shop Owner’s Guide

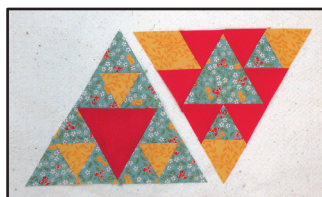
- 4-101 The Basic Star 60™ Unit
- 4-201 Capped 60 Unit
- 4-301 Quad 60 Unit
- 4-401 Framed 60 Unit
- 4-501 Striped 60 Unit
- 4-601 Checkerboard 60 Unit
- 4-701 Hollow Cube 60
- 4-801 Traditional Log Cabin
- 4-901 Curved Log Cabin
- 4-1001 Diamond Log Cabin
- 4-1101 Full and Half Hexagons
- 4-1201 Layout Ideas



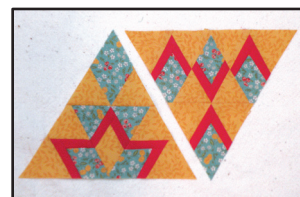
*Basic Star 60*



*Capped 60*



*Quad 60*



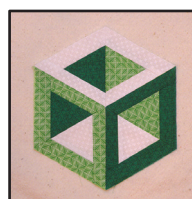
*Framed 60*



*Striped 60*



*Checkerboard 60*



*Hollow Cube*



*Diamond Log Cabin*

# Toolbox Blitz Series & Patterns

Welcome to the Tucker University **Toolbox Blitz** series.

What better way to encourage your students to use their Studio 180 Design tools and techniques than by attacking their toolbox and building their library of patterns.

A **Toolbox Blitz** is a pattern on steroids. It focuses on the construction of a unit or two using a Studio 180 Design tool and/or technique. The Toolbox Blitz works by:

- ❖ select from any of the 9 layouts
- ❖ determining quilt size
- ❖ picking unit size
- ❖ cutting instructions provided
- ❖ fabric requirements provided

A Toolbox Blitz can be sold as a stand along product or create a Toolbox Blitz club at your shop.

The following Toolbox Blitz patterns are currently available:



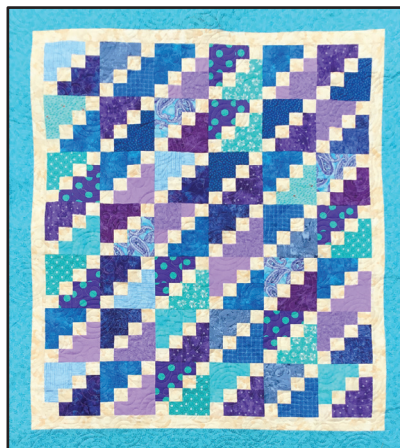
*Shaded Four Patch*



*Triangle Pizazz*



*Geese on the Edge*



*Four Patch Square Up*



*Offset Four Patch*



*Shaded Nine Patch*

Check out the Tucker University Library at [www.tucker.university.net](http://www.tucker.university.net) for additional products.

# Tag-Along Series 1 & 2

The Tucker University Tag Along Series is twice the fun of a block of the month program. It's two blocks a month for a total of 24 blocks in a full year.

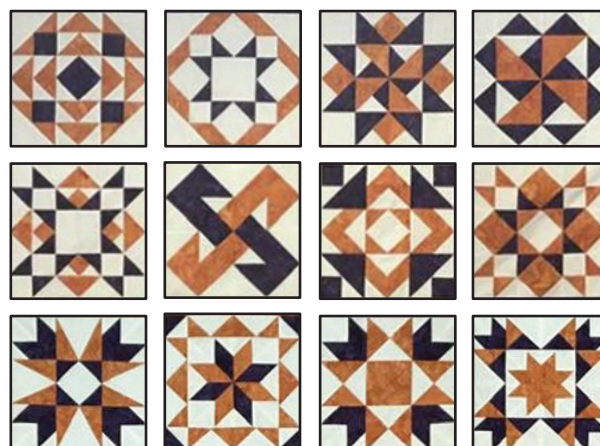
Students can master Studio 180 Design tools and techniques because of the repetition of applying their new skills multiple times throughout the year. These blocks can be taught as an in-person class or on-line demonstration. Shops have the option to kit the required fabric or allow their students to make their own fabric selection.



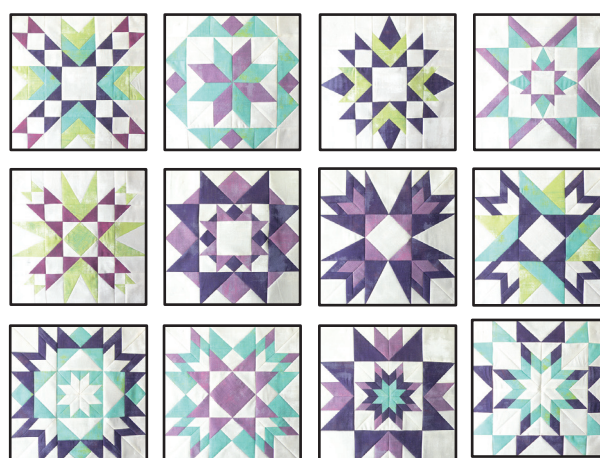
Each block has an individual Block Instructional Sheet with cutting and step-by-step construction instructions.

## Required Studio 180 Design tools and Technique Sheets for each Series

Series 1	
Required Studio 180 Design Tools	
Tucker Trimmer I	V Block
Wing Clipper I	Corner Beam
Square Squared	Quilter's Magic Wand
Rapid Fire Lemoyne Star	Tucker Trimmer III (optional)
Required Studio 180 Design Technique Sheets	
Shaded Four Patch	Non-Mirror Combination Units



Series 2	
Required Studio 180 Design Tools	
Tucker Trimmer I	V Block
Wing Clipper I	Corner Beam
Square Squared	Quilter's Magic Wand
Rapid Fire Lemoyne Star	Tucker Trimmer III (optional)
Corner Pop	
Required Studio 180 Design Technique Sheets	
Shaded Four Patch	Non-Mirror Combination Units
Geese on the Edge	Banded Lemoyne Star
Blazing Lemoyne Star	



# About the Authors

**Phyllis Fay, Ed. D.** began her career in the field of education. She has taught grades 6 through 12. She was a high school administrator for 19 years and completed her career by returning to the classroom in an alternative educational setting. Today, her classroom is in the quilting industry. Her experience of working with a variety of students and managerial skills will be evident when you see her in action.

Phyllis is the primary author of the lesson plans and student handouts. She writes each lesson plan using the best practices in education. She also continues to guest lecture as well as provide workshops for guilds and shops on a contractual basis. The American Quilt Retailer published several of her articles regarding the collaborations taking place with Tucker University as well as educational and classroom topics.



**Beth Sidley's** passion for quilting led her to open her own quilt shop. After several years, Beth found herself on the road teaching more often than in the shop. She understands the multitude of tasks a shop owner has to complete and respects the value of time. Beth's experience as a shop owner made her realize the need to assist other owners with ways to keep their classrooms full.

Beth is the driving force behind the concept of Tucker University. She is the creator of the block designs you will find on the Tucker University Design Sheets. She also designs patterns under the name of Park Bench Design. Beth's work has been published in the Fons and Porter magazines.

Both Phyllis and Beth earned their Certified Instructors status from Deb Tucker in 2013. They continue to work closely with the Studio 180 Design staff.

