

Classes run 9-12 and 2-5 each day.

	Retreat Day 1 Tuesday, April 9, 2019		Retreat Day 2 Wednesday, April 10, 2019		Retreat Day 3 Thursday, April 11, 2019		Retreat Day 4 Friday April 12, 2019		Retreat Day 5 Saturday, April 13, 2019			
Casey, Maggie	English Longdraw Vs American Longdraw	Teach Your Old Wheel New Tricks	A Fleece Just Followed Me Home					English Longdraw Vs American Longdraw	Break Out of Your Spinning Rut			
Clemes & Clemes	Exploring the Drum Carder		Adventures in Drum Carding		Anything But Batts							
Emerson, Bernadette					Locks in the Lens, Spindle in Shutter 101		Locks in the Lens, Spindle in Shutter 102		Locks in the Lens, Spindle in Shutter 101			
Gaustad, Stephenie	Spinning for Weaving				Woolen ... Worsted				A Little Texture, Please		Introduction to Flax	
Guerette, Theresa							Color Blending on Hand Cards		Terri's Tool Time	Terri's Tool Time	Spindle Clinic	
Helmen, Devin					Spindle for a Sweater		Secrets to Spindle Success		Breaking Bast Boundaries	Secrets to Spindle Success		
Khmeleva, Galina					Spinning for Lace Knitting		Spinning for Lace Knitting		Plying Orenburg Style	Plying Orenburg Style		
Mackenzie, Judith	Spinning for Woven Cloth	Spinning Luxury Fibers	Spinning for Color's Sake		The Art of Spinning Paper				E Spinners: Something Old and Something New		Spinning for Woven Cloth	The Art of Spinning Paper
Moreno, Jillian	Yarnitecture: The Full Monty						Intuitive Spinning		Paint the Town Red: Planning for Color in a Knitting Project		Intuitive Spinning	Spin + Nosh – Blends: Linen, Wool and More
Mullarkey, John			Tablet Weaving: Threaded-In Designs		Tablet Weaving: Double-Card, Double Turn Diagonals		Tablet Weaving: Two-Sided Delights		Woven Shoe Laces			
Ruane, Joan			Beautiful Cotton: An Introduction to Spinning		Humble and Mysterious: Spinning Hemp and Flax		Spinning the Rayons		Beautiful Cotton: An Introduction to Spinning			
Tyler, Amy			The Basics of Flick Carding	Spinning with Silk Hankies	Spinning Marl Yarns				Blending Board: Basics and More		Beginning Spinning on a Wheel	
Wohlscheid, Emily	Spin & Create: Handspun Wirecore Jewelry		Spinning Textured Batts	Woven Wirecore Jewelry	Twisted Together				Woven Wirecore Jewelry			
Woodhouse, Jane			Moody Blues: Natural Dyeing (Cotton and Flax)		Dyeing Cotton and Linen Naturally				Moody Blues: Natural Dyeing (Protein Fibers)			

Retreat Day 1 – Tuesday, April 9 th			
English Longdraw vs American Longdraw	Maggie Casey	Half-Day AM 9am-12pm	<p>What is the difference between English longdraw (double drafting) and American longdraw? It depends. We will spin wool and cotton both ways and you can see the difference between the two techniques and add another drafting method to your spinning repertoire.</p> <p>Material fee \$10 Level: Beginning spinning skills required. Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel and all its parts
Teach Your Old Wheel Some New Tricks	Maggie Casey	Half-Day PM 2pm-5pm	<p>It is always the wheel, not the spinner (well, maybe not always, but a lot of the time). Sometimes just the smallest adjustment to your wheel can make a world of difference. Because spinning wheels, like people, need a little TLC we will start the session by cleaning and oiling and adjusting our wheels. When the wheels are tuned up and happy, we will play some tricks with them to make them more responsive. Sometimes all it takes is a new drive band or an adjustment here or there to let your wheel do things you didn't know it could do.</p> <p>Material fee \$10 Level: Beginning spinning skills required Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel and all its parts
Exploring the Drum Carder	Clemes & Clemes	One-day	<p>Drum carders are a mystery to the average fiber artist: fiber is fed into the carder, ends up on the big drum, and something magical happens in between. In our 'Exploring the Drum Carder' class, students begin the day by learning the history of drum carders, how they work, and why they function the way they do. The fun goes hands on for the rest of the day as we delve into the differences of woolen and worsted carding, explore the many tools that make drum carding more efficient, and crank out five different batts. The first batt will be hand cranked before switching over to Electric Drive for the duration of class. All materials, carders, and tools will be provided by the instructors.</p> <p>Materials fee: \$35 – covers use of a carder, all fiber carded during class, and batt lifter refills for storing carded batts. Level: Any Students Should Bring:</p> <ul style="list-style-type: none"> • An attitude for learning • All materials and equipment will be provided by the instructors.
Spinning for Weaving	Stephenie Gaustad	Two-day Day 1	<p>It starts with easy stuff, like making the yarn small enough to fit through the eye of the heddle and reed if there is one. But weaving and knitting yarn "design" diverge just beyond appropriate size. The two yarns are not the same. Examination of yarn for the loom, cloth design from the yarn forward and sett will be followed by hands-on experience designing, spinning and weaving your singles yarns. Warp sizing will be encouraged and covered.</p> <p>Materials fee: \$20 Level: Comfortable with spinning and looking to expand skills Students Should Bring:</p> <ul style="list-style-type: none"> • A functional spinning wheel • Or a spindle with which you are comfortable • Oil/lubricant

Retreat Day 1 – Tuesday, April 9th

<p>Spinning for Woven Cloth</p>	<p>Judith Mackenzie</p>	<p>Half-Day AM 9am–12pm</p>	<p>What could be more satisfying than making beautiful cloth with yarns you have designed and spun? In this class we'll look at how to spin for both warp and weft yarns. We'll spin a wide variety of fibers including flax, silk and cashmere. You will also learn how to support delicate warps like cashmere or qiviut. We'll learn to make several novelty yarns that add wonderful texture to your cloth and help to keep it light weight and resilient.</p> <p>Materials Fee: \$15</p> <p>Level: Must be able to make a continuous yarn, helpful if you know how to ply. Should have a good working relationship with your wheel.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Bring your wheel and all its parts, even the ones you don't use • Bring a ball winder and a swift if you have them • Combs if you have them • Niddy noddy • Handcards –cotton ones if you have them • I'll bring a variety of equipment, including a drum carder for us to share.
<p>Spinning Luxury Fibers</p>	<p>Judith Mackenzie</p>	<p>Half-Day PM 2pm-5pm</p>	<p>Modern spinners live in the best of all possible times. The world of fiber is at our fingertips—stunning wild silks from India, cashmere from the rugged northern mountains of China, camel down from Mongolia, exquisite alpaca and rare vicuña from the Andes, yak from Nepal and Tibet, and qiviut from the frozen wilds of the Canadian North. In this class we will spin a variety of rare and beautiful fibers including yak, camel, qiviut and rare silks. How lucky are we!</p> <p>Materials Fee: \$20</p> <p>Level: Must be comfortable on your wheel</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Your wheel and all its parts, even the ones you don't use • Ball winder and a swift if you have them • Niddy noddy • Combs if you have them • Handcards –cotton ones if you have them • I'll bring a variety of equipment, including a drum carder for us to share.

Retreat Day 1 – Tuesday, April 9th

<p>Yarnitecture: The Full Monty – Plan and Sample for Your Project</p>	<p>Jillian Moreno</p>	<p>Two- day Day 1</p>	<p>Come with a project in mind and using the ideas and methods in the best-selling book Yarnitecture, you'll leave with samples and a spinning plan for your project yarn.</p> <p>In this class you'll sample and choose the right breed or blend, the preparation, the draft, the ply, and finish for exactly the yarn you want for your project.</p> <p>We'll first review how each choice builds on the next to make specific yarns, and we'll talk specifically about your choices to make the yarn you envision.</p> <p>What about color? Unless you're spinning for a natural or solid colored project, there will be a whole lot of color sampling. We'll look at swatches illustrating different techniques, then you'll spin your own samples. There will be variegated fiber, semi solid, solid, naturals and some surprises on hand to sample, until you get the color flow that you want.</p> <p>We'll work on the nuts and bolts of your yarn and project, measuring and keeping track your yarns through the sampling process, keeping consistent, how much yarn you'll need, and how much fiber to buy.</p> <p>A rolling stash of hand and mill dyed commercial wool fibers and blends, will have you itching to start and finish the yarn samples for your project.</p> <p>By the end of this class you'll see how planning and sampling for a project can be uncomplicated and fun.</p> <p>Materials fee: \$40</p> <p>Level: Students must be familiar with spinning and plying.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • A wheel in good working order, at least 3 bobbins • A niddy noddy • Tags for marking samples • A Lazy kate • Knitting needles for swatching • Pen and paper to take notes
<p>Spin & Create: Handspun Wirecore Jewelry</p>	<p>Emily Wohlscheid</p>	<p>One- day</p>	<p>Forget setting your yarn, let's create yarn that can go from wheel to project instantly! You'll plan your colorways before custom blending fibers to then create flexible yarns with a fine wire core. Valuable tips and tricks for success in this often intimidating technique will be covered to ensure success. The afternoon will be spent using our finished yarns in several hand crafted jewelry pieces including wrapped earrings, i-cord focals, and miniature spool pendants so that you can wear your freshly spun yarn with pride!</p> <p>Materials fee: \$20 covers all fibers, wire spools, jewelry supplies</p> <p>Level: Intermediate plus</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • A spinning wheel or espinner in good working order • Round nose pliers • Flat nose pliers • Wire nippers

Retreat Day 2 – Wednesday, April 10, 2019

<p>A Fleece Just Followed Me Home - Now What?</p>	<p>Maggie Casey</p>	<p>Two day Day 1</p>	<p>It was love at first sight! You bought a fleece—and now what do you do with it? It depends! We will prepare a fine, medium and long wool fleece. We will prepare all three types of fleece and spin them woolen and worsted and then ply accordingly. You will have enough fleece to knit or weave small samples with your yarn, so you can discover the perfect combination of preparation and spinning for your project. We'll cover wheel maintenance, preparing and spinning woolen yarns, how to spin a consistent yarn, preparing and spinning worsted yarns, plying yarns, and finishing techniques. Grow your spinning skills over this 2 day class as you move beyond just knowing how to spin, learn to prep, plan, and spin with purpose and passion.</p> <p>Material fee: \$20</p> <p>Level: Students should be able to spin a continuous yarn and be comfortable with their wheel.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • An idea of what they would like to make • Lazy Kate and at least 3 bobbins • Wool hand cards, if you have them • Spinning wheel and all its parts • Combs, if you already own them
<p>Adventures in Drum Carding</p>	<p>Clemes & Clemes</p>	<p>One-day</p>	<p>This is the follow up class to Exploring the Drum Carder. In this class, we continue to de-mystify the drum carder. Batts will be prepared both semi-worsted and woolen. Students will learn different techniques to add fiber to an art batt, prepare batts for spinning sock yarn, and learn to add silk or bamboo into woolen batts. Students will also learn to remove fiber as rolags and as pencil-sized sliver through a diz. An ambitious goal of 5 batts produced during class means students will have ample carded fiber for spinning samples and small projects after class. All carding and blending will be done on our Elite Series Drum Carders with each student using their own electric carder. All materials, carders, and tools will be provided by the instructors.</p> <p>Materials Fee: \$45 covers use of a carder, all fiber carded during class, and batt lifter refills for storing carded batts.</p> <p>Level: Some drum carding experience preferred. Ideally (but not required) student has taken Exploring the Drum Carder previously.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • An attitude for learning • All materials and equipment will be provided by the instructors.
<p>Spinning for Weaving</p>	<p>Stephenie Gaustad</p>	<p>Two-day Day 2</p>	<p><i>See Description Day 1</i></p>
<p>Spinning for Color's Sake</p>	<p>Judith Mackenzie</p>	<p>One-day</p>	<p>In this class, we'll look at a number of ways to produce beautiful and individual colorways without needing to be a dyer. We'll learn to blend fiber, to glaze one color over another and how to produce heathered and tweed yarns. We'll work with a variety of fibers including silk, merino, alpaca, and kid mohair. We'll learn how spinning techniques affect color and do color theory exercises that will help you work with color more successfully.</p> <p>Materials fee: \$25</p> <p>Level:</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Your wheel and all its parts, even the ones you don't use • Niddy niddy • Combs if you have them • Ball winder and a swift if you have them • Handcards –cotton ones if you have them • I'll bring a variety of equipment, including a drum carder for us to share.

Retreat Day 2 – Wednesday, April 10, 2019

<p>Yarnitecture The Full Monty – Plan and Sample for Your Project</p>	<p>Jillian Moreno</p>	<p>Two- day Day 2</p>	<p><i>See Description Day 1</i></p>
<p>Tablet Weaving: Threaded-in Designs</p>	<p>John Mullarkey</p>	<p>One- Day</p>	<p>You will learn the basics of tablet weaving by weaving a friendship bracelet. We will start with a discussion on how to read and design tablet weaving drafts. Then we will proceed to setting up the cards, weaving the band, and end with a discussion of finishing techniques. Along the way, we will focus on avoiding common pitfalls and sharing tips and tricks for weaving perfect bands. For those interested in learning how to tablet weave.</p> <p>Materials fee: \$15 students receive 20 cards, 1 shuttle, and documentation Level: Beginner, no weaving experience required. Students Should Bring:</p> <ul style="list-style-type: none"> • Scissors • Three balls or cones of 10/2 mercerized or unmercerized cotton or #10 crochet thread in three different colors. At least ½ ounce of each.
<p>Beautiful Cotton: An Introduction to Spinning</p>	<p>Joan Ruane</p>	<p>One- day</p>	<p>This is an introduction to cotton spinning. Students will spend an entire day immersed in cotton. Starting with learning about their wheels and how they operate and how to adjust them for different kinds of fibers. Then they will begin spinning their cotton punis into beautiful singles.</p> <p>The afternoon will begin with spinning off the seed to moving on to the prepared sliver. Ending the day, you will ply the morning colored singles with the afternoon white cotton singles. Thus, each student should go home with a plied skein of cotton yarn and a good knowledge of cotton and how to spin it into useable yarn. After the full day you'll feel well-versed in Carding and making punis, Adjusting wheels for short fibers, Spinning the punis, Cotton History, Spinning off the seed and techniques for spinning cotton sliver, Plying a cotton yarn.</p> <p>Materials fee: \$15 Level: Beginner but must be comfortable treadling and making the wheel go both clockwise and counter clockwise. Students Should Bring:</p> <ul style="list-style-type: none"> • A well-oiled and working flyer spinning wheel with at least a 10/1 ratio • 3 empty bobbins (or storage bobbins to wind onto) • Set of carders (some will be available in class) • Lazy kate • Niddy nobby <p>No Woolee Winders please.</p>
<p>The Basics of Flick Carding</p>	<p>Amy Tyler</p>	<p>Half- Day AM 9am- 12pm</p>	<p>A flick carder is a fiber preparation tool that is used to open up locks of wool (either washed or unwashed) to make them ready for your next step. A flick carder looks rather like a small hand card. They come in “ones”, not in pairs. These small, simple tools can be used to prepare a variety of fleeces for spinning a variety of yarns. We will practice a few different techniques for using this tool, and we will use similar devices for getting the same effect. Then we will spin some smooth and some textured yarns from flick carded locks.</p> <p>Materials fee: \$12 Level: Beginner plus: can spin a single and ply Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel in good working order • Flick carder or dog/cat slicker brush or dog “rake”

Retreat Day 2 – Wednesday, April 10, 2019

<p>Spinning with Silk Hankies</p>	<p>Amy Tyler</p>	<p>Half-Day PM 12pm-5pm</p>	<p>Silk hankies are a “mawata” silk that consist of very thin layers of silk squares. We will learn strategies for preparing these hankies for spinning, and then we will spin them in several ways, including chain plying. We will cover strategies for making your hands smooth to minimize snagging of silk on your hands, and various uses of silk hankies and yarns spun from them.</p> <p>Materials fee: \$20 Level: Comfortable with spinning and looking to expand skills Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel in good working order • 3 bobbins • Lazy kate
<p>Spinning Textured Batts</p>	<p>Emily Wohlscheid</p>	<p>Half-Day AM 9am-12pm</p>	<p>I love texture and try to incorporate it in all of my spinning from subtle to wild. My feeling about fiber is that its natural texture should be celebrated, whether as an accent or a focal point. Using various types of textural batts, we will dispel the myth that texture must be bulky, explore color effects within a batt, learn several ways to prepare a batt for the spinning process, experiment with corespinning vs a plied yarn for desired results, practice our semi woollen spinning, and even see how we can plan for a project and stretch our materials by combining textural batts with combed top or roving. Whether you are looking for a way to move outside of your comfort zone, understand the anatomy of a batt, or finally pull that batt from your stash to your wheel that was, “too pretty to spin,” this workshop is for you!</p> <p>Materials fee: \$30 Level: Beginner plus, should be comfortable with spinning Students Should Bring:</p> <ul style="list-style-type: none"> • A spinning wheel or espinner in good working order • 3 empty bobbins
<p>Woven Wirecore Jewelry</p>	<p>Emily Wohlscheid</p>	<p>Half-Day PM 2pm-5pm</p>	<p>Small circular and tapestry looms are becoming more and more common, but what can you create on something so tiny? Wirecore yarn is a flexible and durable material that lends itself well to making wearable art. In this workshop, we will explore the limitations and possibilities of this exciting and versatile yarn using small handheld looms to create bracelets and brooches or pendants with various threads, textured yarns, and fine filaments in conjunction with the moldable wirecore yarn, resulting in one of a kind works of personal adornment.</p> <p>Materials fee: \$30 Level: Any Students Should Bring:</p> <ul style="list-style-type: none"> • Bring themselves!

Retreat Day 2 – Wednesday, April 10, 2019

<p>Moody Blues: Natural Dyeing (cotton and flax)</p>	<p align="center">Jane Woodhouse</p>	<p>One- day</p>	<p>Enjoy the moody blues with this one day intensive dye workshop using natural dye extracts. For this class we will be using a wide variety of dyestuffs along with indigo to produce a palette of complex blues, greens, purples and turquoise/teals. Indigo is the primary basis for this class that will use a natural vat to dye and overdye cotton and flax yarn samples. Our color range, while limited to one particular section of the color wheel, will explore both bright and intense as well as subtle and muted hues. We will layer 2 and 3 colors to build a formula base and develop skill working with indigo to produce approximately 50 color samples. The Moody blues have never looked so good and with the comprehensive dye notebook with workshop instructions as well as notes for working on your own to dye yarns and fibers, you'll be ready to go it alone!</p> <p>Please note, these extracts have been developed for the commercial dye market and while relatively non-toxic are very colorfast.</p> <p>Materials Fee: \$20 (plus \$10 for PA's rentals = \$30)</p> <p>Level: Beginning – Advanced dyers. Some familiarity with dye methods is helpful but not necessary.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Good rubber gloves, • Sharpie or other waterproof marker • Scissors • Apron or old clothing to dye in.
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Retreat Day 3 – Thursday, April 11, 2019

A Fleece Just Followed Me Home - Now What?	Maggie Casey	Two day Day 2	<i>See Description Day 1</i>
Anything but Batts	Clemes & Clemes	Half-Day AM 9am-12pm PM 2pm-5pm	<p>We all like big batts, but is that really all a drum carder is good for? Of course not! In this class, we will roll rolags and remove carded sliver (roving) from a drum carder. Students will discover which tools to use – and more importantly the techniques behind – using a drum carder for preparing fiber in a manner other than a batt. All materials, carders, and tools will be provided by the instructors.</p> <p>Materials fees: \$20 – covers use of a carder, all fiber carded during class, and batt lifter refills for storing carded batts.</p> <p>Level: Some drum carding experience preferred. Ideally (but not required) student has taken Exploring the Drum Carder or Adventures in drum carding previously.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • An attitude for learning • All materials and equipment will be provided by the instructors.
Locks in the Lens, Spindle in the Shutter 101	Bernadette Emerson	Half-Day AM 9am-12pm	<p>Fiber is gorgeous, yarn is luscious, spinning is interesting, so why doesn't that always come through in photos? This class will help you figure that out and move farther along the road to making your photos look as lovely as your fiber arts. In this hands-on half-day course, you'll learn fundamentals of photography and how to apply them to capture better images of your fiber, yarn, and FOs. More importantly, we'll view several set-ups and discuss how to modify camera settings and angles for images that pop. Whether you're simply sharing them on social media or taking photos for your indie business, this class will make your pictures closer to your vision. It's time to break out of auto mode on your DSLR, figure out great lighting, achieve proper exposure and white balance, and take some amazing fibery photos.</p> <p>Materials Fee: \$10</p> <p>Level: No experience necessary</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • A camera (DSLR camera is suggested but not a requirement if you don't want to pack it).
Locks in the Lens, Spindle in the Shutter 102	Bernadette Emerson	Half-Day PM 2pm-5pm	<p>For those who took the 101 class in 2018 and wish to spend more time hands-on learning, and for those taking the 101 class this year who wish to have a full day of fiber photography fun. In this class we will expand on photography fundamentals and delve deeper into using Camera Raw and Photoshop to enhance your photography. A larger part of this class will focus on hands-on experience and Q&A.</p> <p>Materials Fee: \$10</p> <p>Level: No experience necessary</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • A camera (DSLR camera is suggested but not a requirement if you don't want to pack it). • You may also wish to bring your laptop with Photoshop preloaded.

Retreat Day 3 – Thursday, April 11, 2019

<p>Woolen ... Worsted</p>	<p>Stephenie Gaustad</p>	<p>One- day</p>	<p>Fiber preparation and drafting technique leave their imprint on your yarn. Learn what to expect from carded/combed materials and how drafting technique can affect yarn appearance and behavior. From the same fleece, prove that “woolen” yarn becomes elastic and warm while the worsted version is lean and lustrous.</p> <p>Materials fee: \$10</p> <p>Level: Can spin a single and ply, comfortable with spinning and looking to expand skills</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • A functional spinning wheel or spindle with which you are comfortable • Hand cards • Wool combs are optional.
<p>Spindle for a Sweater: Planning for Spindle Spun Projects</p>	<p>Devin Helmen</p>	<p>Half- Day AM 9am- 12pm</p>	<p>One of the joys of working with spindles, is that we can switch from project to project based on what we feel like spinning at any given time, but how do we keep our yarn on target within projects? In this class we’ll explore all of the aspects of planning and spinning a project on a spindle, from a hat, to socks to a sweater.</p> <p>We’ll cover the practical parts of a project, planning the yarn for your project, record keeping, spinning a consistent yarn on a spindle, cop winding, storing singles, and plying. We’ll also talk about how to keep up your spinning momentum and excitement going through a project, how to get the most out of your spindle, and troubleshooting tips.</p> <p>Materials fees: \$5</p> <p>Level: Students should be comfortable spinning with a spindle.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Please bring your favorite suspended spindle or spindles (High Whorl, Low Whorl, Cross-Arm etc.) spindle and a spinning project in mind.
<p>Spindle for a Sweater: Planning for Spindle Spun Projects</p>	<p>Devin Helmen</p>	<p>Half- Day PM 2pm- 5pm</p>	<p>Spindles have a reputation for being slow and low productivity, but really they are great production tools, particularly if you learn a few particular spindle spinning skills.. In this class we will walk through techniques to ramp up your spindle spinning speed and efficiency and make spinning anytime, anywhere second nature. We’ll cover how to wind a secure cop, plying tips, fiber management, and ways to make sure your spindle travels safely. You’ll learn and practice the biggest trick to adding yardage to your spindle, how to get moving with your spindle – spinning while walking. Spinning fiber and materials for making a simple wrist distaff will be provided.</p> <p>Materials fees: \$5</p> <p>Level: Students should be comfortable spinning with a spindle.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Please bring your favorite suspended spindle or spindles (High Whorl, Low Whorl, Cross-Arm etc.) spindle and a spinning project in mind.

Retreat Day 3 – Thursday, April 11, 2019

<p>Spinning for Lace Knitting</p>	<p>Galina Khmeleva</p>	<p>One-Day</p>	<p>Come join renowned lace knitting and handspinning maven Galina as she introduces you to the magical handspinning techniques of Russian spinners and knitters that ultimately result in the creation of arguable the most luxurious shawls and scarves found in the universe. In this workshop, the emphasis will be on the spinning of luxury fibers (cashmere, quivut, pygora, buffalo, etc.) and the significance of gauging the proper thickness and length of these fibers while learning the more economical use of luxury fibers, helping you conserve precious yardage. These 6 hours will be filled with the entire fiber preparation technique process, spinning, and plying and you'll learn to spin beautiful and fine yarns.</p> <p>Materials Fee: \$10.00, Russian spindles and bowels provided for class use</p> <p>Level: Beginner-intermediate</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Note-taking materials • Small hand towel
<p>The Art of Spinning Paper</p>	<p>Judith Mackenzie</p>	<p>Half-Day AM 9am-12pm</p>	<p>Spinning paper is an old and honorable art; it's also fun and easy to do. It makes beautiful, washable and oh-so-wearable yarn. In this workshop, we'll spin several different types of paper, including mulberry, recycled and handmade. We'll learn how to spin a variety of diameters, produce different surfaces and textures and look at interesting ways to use these wonderful and unusual yarns.</p> <p>Materials fee: \$25</p> <p>Level: Students should be comfortable on their wheel.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel • If you have a choice, bring the larger pulleys for your flyer • Any type of paper that interests you and we'll check its spinning potential. • 2 extra bobbins • Scissors
<p>Intuitive Spinning</p>	<p>Jillian Moreno</p>	<p>Half-Day PM 2pm-5pm</p>	<p>If you don't like technical spinning or stopping to do a lot of measuring, you can still get the yarn you want for a project or a yarn that you dream about.</p> <p>Intuitive spinning relies on the look and feel of a yarn while you're spinning rather than the measurements.</p> <p>In this class we will explore the intuitive style of spinning for drafting and plying.</p> <p>You'll learn how to use your eyes, hands and a few guidelines to get the yarn you want.</p> <p>We will spin sample yarns of different sizes and styles, and learn to keep a yarn consistent without measuring. We'll discuss exactly when and what to measure when you're spinning for a project (hint, it's not much).</p> <p>Please come with a yarn to spin in mind.</p> <p>Materials fee: \$20</p> <p>Level: beginner and up</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • A wheel is good working order • A lazy kate • 3 bobbins • Tags to mark samples • Pen and paper to take notes.

Retreat Day 3 – Thursday, April 11, 2019

<p>Tablet Weaving: Double-Card Double-Turn Diagonals</p>	<p>John Mullarkey</p>	<p>One-Day</p>	<p>Also called “Egyptian” Diagonals, this workshop will focus on weaving diagonal patterns with tablets. We will use the circular warp setup, and learn how to use two packs to create interesting diagonal designs. Patterns will be provided, but individual exploration will be encouraged. No previous tablet weaving experience required. Material Fee: \$15, students receive 20 cards, 1 shuttle, and documentation Level: Intermediate, you should have done a little tablet weaving before this class (John’s previous classes count!) Students Should Bring:</p> <ul style="list-style-type: none"> • Scissors • Four balls or cones of 10/2 mercerized or unmercerized cotton or #10 crochet thread. Each ball should be at least 1 ounce. • Two balls of one color, and two balls of one different highly contrasting color. • There will not be time in class to wind off, so please come prepared with four yarn sources.
<p>Humble and Mysterious: Spinning Hemp and Flax</p>	<p>Joan Ruane</p>	<p>One-day</p>	<p>Bast fibers are simple and mysterious and this class will help you uncover their mysteries and get a handle on these humble fibers. Bast fibers are very different fiber from other fibers and thus we will discuss how we handle it differently and how we adjust our wheels to accommodate the long fiber. We will study and work with several different preparations of both fibers, from the short to long. Each will be dealt with separately using different techniques of spinning. A demonstration of preparing a distaff with line flax will be done in class. Students will be taking home their finished sample of both of singles and plied bast yarns. After a full day you’ll know how to adjust your wheel for bast spinning, all about the hemp and flax preparations available, techniques for spinning hemp and flax, some history of hemp and the possibility of it making a comeback into popular culture, and how to spin and store your yarns. Materials fees: \$35 Level: Must be comfortable with the wheel and spinning singles but no experience with bast fibers needed. Students Should Bring:</p> <ul style="list-style-type: none"> • A well-working spinning wheel • Small niddy noddy • Lazy kate • 3 empty bobbins • Tags are optional but a great idea.
<p>Spinning Marl Yarns</p>	<p>Amy Tyler</p>	<p>Half-Day AM 9am-12pm</p>	<p>Marl yarns are about color. They’re often defined as plied yarns in which the plies are different colors. While we will cover techniques for making those yarns, we will also make marl yarns in which the plies are from different fiber sources. In the process, we will cover strategies for controlling thickness and twist of singles and for plying to create 2- and 3-ply balanced yarns. Material Fee: \$12 Level: Level: Can spin a single and ply Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel in good working order • 4 bobbins • Lazy kate.

Retreat Day 3 – Thursday, April 11, 2019

<p>Dyeing Cotton and Linen Naturally</p>	<p align="center">Jane Woodhouse</p>	<p>Two day Day 1</p>	<p>Contrary to popular belief, dyeing plant fibers with natural dyes is not a labor intensive process with mediocre results. Instead, new developments in scouring and fiber preparation have replaced the traditional 3 day mordanting process of cellulose fibers. The result is better dye take up and wonderfully saturated colors. Additionally this process can be applied to other cellulose fibers with similar results. In this 2 day intensive class you will dye approximately 115 color samples using the alternative alum acetate mordant for samples along with an iron modifier on some of the samples.</p> <p>We will begin with a thorough discussion of dye theory as it applies to both synthetic and natural dyes. Dye extracts will be made in 1% “equivalent” stock solutions for mixing colors. We will dye in color gradations using a variety of safe mordants, extracts, modifiers and a natural ferment indigo vat to create a pallet of colors.</p> <p>We will work with an expanded pallet of 11 or 12 dyestuffs that are well suited to cellulose fibers. In addition the stronger dyes will be used in formulas to mix colors. A portion of the samples will be over dyed in our indigo vat. Please note, these extracts have been developed for the commercial dye market and while relatively non-toxic are very colorfast. Each student will receive a comprehensive dye notebook with workshop instructions as well as notes for working on your own to dye yarns. Included in the notebook will be a set of dye samples produced in class.</p> <p>Materials fee: \$35 (plus \$10 for PA’s rentals = \$45) Level: Beginning – Advanced dyers. Some familiarity with dye methods is helpful but not necessary. Students Should Bring:</p> <ul style="list-style-type: none"> • Good rubber gloves • Sharpie Marker (must be waterproof) • Scissors • Apron or old clothing to work around dyes
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Retreat Day 4 – Friday, April 12, 2019

<p>Breaking Bast Boundaries - Spindle Spinning Bast Fibers</p>	<p>Devin Helmen</p>	<p>Half-Day PM 2pm-5pm</p>	<p>Bast fibers make fantastic and durable fabrics, cool and lustrous and long wearing. Easily available in sliver and roving form, these fibers will add spice to your standard spinning fare. In this class you will have the chance to explore Flax, Ramie, and Hemp on spindles and learn tips for spinning bast fibers.</p> <p>Materials fees: \$6 Students Should Bring:</p> <ul style="list-style-type: none"> • Please bring your favorite suspended spindle or spindles (High Whorl, Low Whorl, Cross-Arm etc.)
<p>Spinning for Lace Knitting</p>	<p>Galina Khmeleva</p>	<p>One-Day</p>	<p>Come join renowned lace knitting and handspinning maven Galina as she introduces you to the magical handspinning techniques of Russian spinners and knitters that ultimately result in the creation of arguable the most luxurious shawls and scarves found in the universe. In this workshop, the emphasis will be on the spinning of luxury fibers (cashmere, quivut, pygora, buffalo, etc.) and the significance of gauging the proper thickness and length of these fibers while learning the more economical use of luxury fibers, helping you conserve precious yardage. These 6 hours will be filled with the entire fiber preparation technique process, spinning, and plying and you'll learn to spin beautiful and fine yarns.</p> <p>Materials Fee: \$10.00, Russian spindles and bowels provided for class use Level: Beginner-intermediate Students Should Bring:</p> <ul style="list-style-type: none"> • Note-taking materials • Small hand towel
<p>E Spinners: Something Old and Something New</p>	<p>Judith Mackenzie</p>	<p>One-day</p>	<p>We humans have been spinning since the beginning of time. We've spun on our thigh, on sticks and stones, on Great Wheels, on treadle wheels. We even made complex machinery that spins without us! Just when you might think there could be nothing new under the sun, along come e-spinners. In a variety of shapes and forms, these powerful, portable spinning tools have opened up a whole new world for people on the go, people with injuries, people living in small spaces. In this workshop we'll have a look at what is available in the market place and how to get the most out of your spinner. We'll spin a variety of fibers and yarn types. We'll make plied yarns and designer yarns.</p> <p>Materials Fee: \$25 Students Should Bring:</p> <ul style="list-style-type: none"> • Your wheel and all its parts, even the ones you don't use

Retreat Day 4 – Friday, April 12, 2019

<p>Paint the Town Red: Planning for Color in a Knitting Project</p>	<p>Jillian Moreno</p>	<p>One-day</p>	<p>Do you want to use hand dyed braids and other colors for a knitting project, but don't know where to start? There are so many questions when spinning color for knitting: Do I have enough of the color I want? What do I do if I don't? What will it look like? How can I make smaller amounts of fiber work for a bigger project, like a sweater? How do I shop for a color project? This class will help answer those questions by putting a lot of dyed fiber in your hands. You will spin and sample, variegated fiber, solids and semi solids. You'll learn about dye patterns, how to control them, change them and stretch them. We'll talk about and practice, combo spinning, combo drafting, fractal spinning, blending and mixing colors at the wheel. Through sampling you'll learn a variety of color spinning techniques, see their outcomes and even stretch the ideas of what colors and techniques 'match'. You'll learn how to visualize how color will play out in a larger piece without having to knit half of a sweater. By the end of this class you'll feel color confident to design one or multiple yarns for a project. Materials fee: \$30 Level: Beginner plus, familiar with spinning and plying Students Should Bring:</p> <ul style="list-style-type: none"> • A wheel is good working order • At least 3 bobbins • Lazy kate • Niddy noddy • Knitting needles for swatching • Tags to mark samples • Pen and paper to take notes
<p>Tablet Weaving: Two-Sided Delights</p>	<p>John Mullarkey</p>	<p>One-day</p>	<p>Have you ever wished you could weave almost any design into a woven band? Or how about weaving a message without pick-up? Double-sided tablet weaving is for you then. This technique creates a two-color band with almost any figure or letters woven into it. This technique does require focus and concentration to weave however, as we will be following charts to turn individual cards to produce patterns. Material Fee: \$15, students receive 20 cards, 1 shuttle, and documentation Level: Intermediate-Advanced (some tablet weaving experience is required (or take Wednesday or Thursday's class and you'll be all set for this one!) Students Should Bring:</p> <ul style="list-style-type: none"> • Scissors • Four balls or cones of 10/2 mercerized or unmercerized cotton or #10 crochet thread. • Each ball should be at least 1 ounce • Two balls of one color, and two balls of one different highly contrasting color • There will not be time in class to wind off, so please come prepared with four yarn sources.

Retreat Day 4 – Friday, April 12, 2019

<p>Spinning the Rayons: Bamboo, Ramie, Soybean, Banana, etc.</p>	<p align="center">Joan Ruane</p>	<p>One-day</p>	<p>The rayons are an altogether different kind of fiber and they deserve a full day of spinning (at least). This fiber is slick and slippery and soft and smooth and you can make wonderful and useful yarns from them. Come explore Bamboo, Ramie (actually a bast fiber but is processed so that we spin it more like the “rayon”), Soy, Banana and more. Each fiber has its own personality and special needs and thus we will take each fiber separately and learn the best way to spin it, finish it, and use it. If time is available we will do some blending too! By the end of the day you’ll have been introduced to new and exciting rayon fibers, learned to adjust your wheel for these slippery fibers, learned spinning techniques for each fiber, blended these fibers with others, and learned about uses and care of your new yarns.</p> <p>Materials fee: \$15 Level: Must be comfortable with the wheel and spinning singles but no experience with rayon fibers needed. Students Should Bring:</p> <ul style="list-style-type: none"> • A well working spinning wheel • Small niddy noddy • Set of carders (some will be available in class) • Tags • Pen
<p>Blending Board: Basics and More</p>	<p align="center">Amy Tyler</p>	<p>One-day</p>	<p>The blending board is not just a glorified hand carder or a low-tech version of a drum carder. It is a delightfully simple but incredibly versatile tool. It has obvious uses for preparing washed fleeces for spinning and for blending already prepared fibers. We will cover these basics in this workshop. We will also explore less obvious blending techniques that will allow you to spin and create smooth yarns, fluffy yarns, gently textured yarns, and highly textured yarns. And, we’ll explore ways of preparing fiber “paintings” that can then be wet felted. Get ready to be surprised and energized by this fantastic fiber tool!</p> <p>Materials fee: \$25, covers use of blending boards (provided by Clemes & Clemes, Inc.), use of blending board tools & accessories, fiber, samples for examination, notebook with handouts. Level: No experience necessary Students Should Bring:</p> <ul style="list-style-type: none"> • If you have your own blending board, bring it; • You may want to bring a spindle or your spinning wheel to spin from the fibers we prepare
<p>Dyeing Cotton and Linen Naturally</p>	<p align="center">Jane Woodhouse</p>	<p>Two day Day 2</p>	<p><i>See Description Day 1</i></p>

Retreat Day 5 – Saturday, April 13, 2019

<p>Break Out of Your Spinning Rut</p>	<p>Maggie Casey</p>	<p>One-day</p>	<p>Do you want to spin yarns of different sizes, from fine and lacey to big and lofty? How about yarns that are smooth and strong or light and fluffy. You can—it just takes a little practice, some wheel tweaking and the appropriate fiber preparation! Material fee \$15 Level: Beginning spinning skills required. Students should be able to spin a continuous yarn and be comfortable with their wheel. Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel and all its parts 4 bobbins Lazy kate Usual spinning tools
<p>Locks in the Lens, Spindle in the Shutter 101</p>	<p>Bernadette Emerson</p>	<p>Half-Day PM 2pm-5pm</p>	<p>Fiber is gorgeous, yarn is luscious, spinning is interesting, so why doesn't that always come through in photos? This class will help you figure that out and move farther along the road to making your photos look as lovely as your fiber arts. In this hands-on half-day course, you'll learn fundamentals of photography and how to apply them to capture better images of your fiber, yarn, and FOs. More importantly, we'll view several set-ups and discuss how to modify camera settings and angles for images that pop. Whether you're simply sharing them on social media or taking photos for your indie business, this class will make your pictures closer to your vision. It's time to break out of auto mode on your DSLR, figure out great lighting, achieve proper exposure and white balance, and take some amazing fibery photos. Materials Fee: \$10 Level: No experience necessary Students Should Bring:</p> <ul style="list-style-type: none"> • A camera (DSLR camera is suggested but not a requirement if you don't want to pack it).
<p>Introduction to Flax</p>	<p>Stephenie Gaustad</p>	<p>One-day</p>	<p>Cool, crisp linen makes great hats, tops and even socks and scarves for easy summer wear. Learn to handle this delightful fiber that can be extremely fine and a yard long. Flax processing from straw to line and tow is discussed. (Jacey, this will be largely demo, discussion to keep the hotel housekeeping staff sane) We will work with line flax spun from a distaff to spin a fine yarn. Materials fee: \$20 Level: Comfortable with spinning and looking to expand skills Students Should Bring:</p> <ul style="list-style-type: none"> • A functional spinning wheel or spindle with which you are comfortable. • Lubricant for wheel • Optional: flax hackles, flax distaff

Retreat Day 5 – Saturday, April 13, 2019

<p>Terri's Tool Time</p>	<p>Theresa Guerette</p>	<p>Half-Day AM 9am-12pm</p>	<p>Spinners and their toys! We all have them and we all want more! But do you have the right ones and are you using them to their best advantage? This class can help! Perhaps you're not sure which tool to get next or maybe you have a tool that gives you a hard time. Do you know how to wind a center pull ball on a nostepinne? Do you know how to use a McMorran Yarn Balance? Are those wool combs giving you trouble? What about blending boards? Do you want to play around with a carder or a hackle? Have you tried different spinning systems (bobbin-led wheels, scotch tension wheels double drive)? Yarn swift, ball winder ... these are just a few of the many tools that we'll explore and see if we can't get "more power!" out of them. Oh, and let's not forget our alternatives for when we don't have our tools handy! Come spend a relaxing and informative half day with Terri and more spinning tools than you can imagine!</p> <p>Materials fee: \$15 Level: Suitable for all levels Students Should Bring:</p> <ul style="list-style-type: none"> • Note taking supplies • Any tools that are related to your specific questions.
<p>Spindle Clinic</p>	<p>Theresa Guerette</p>	<p>Half-Day PM 2pm-5pm</p>	<p>Most spinners, both new and experienced, have a spindle in their stash that gives them trouble, or perhaps it is a particular fiber/spindle combination. Do you have a spindle that has been sitting idle because the two of you just don't seem to get along? Bring your spindles, the ones that you love and the ones that you hate, whether you've lost the magic or never actually found it in the first place; our goal is to bring the Spindle Magic into your spinning!! Included in the workshop will be discussions and demonstrations of various types of spindles, drafting and plying methods and spindle care. The Spindle Clinic is sure to have something for everyone!</p> <p>Materials fee: \$5 Level: Can spin a single Students Should Bring:</p> <ul style="list-style-type: none"> • A spindle
<p>Secrets to Spindle Success - Making More Yarn with Your Spindle</p>	<p>Devin Helmen</p>	<p>Half-Day AM 9am-12pm</p>	<p>Spindles have a reputation for being slow and low productivity, but really they are great production tools, particularly if you learn a few particular spindle spinning skills.. In this class we will walk through techniques to ramp up your spindle spinning speed and efficiency and make spinning anytime, anywhere second nature. We'll cover how to wind a secure cop, plying tips, fiber management, and ways to make sure your spindle travels safely. You'll learn and practice the biggest trick to adding yardage to your spindle, how to get moving with your spindle – spinning while walking. Spinning fiber and materials for making a simple wrist distaff will be provided.</p> <p>Materials fees: \$5 Level: Students should be comfortable spinning with a spindle. Students Should Bring:</p> <ul style="list-style-type: none"> • Please bring your favorite suspended spindle or spindles (High Whorl, Low Whorl, Cross-Arm etc.) spindle and a spinning project in mind.

Retreat Day 5 – Saturday, April 13, 2019

<p>Plying Orenburg Style</p>	<p>Galina Khmeleva</p>	<p>Half-Day AM 9am-12pm PM 2pm-5pm</p>	<p>Orenburg yarns are arguable the finest and softest in the fiber universe. This class will focus on how to ply in the Orenburg style. Starting with a Z-twist singles, you'll use a plying/supported spindle to create a beautiful plied yarn. During the process you'll learn an economical use of luxury fibers (cashgora, bison, pygora, qiviut, and paco vicuna). Plying spindles and silk will be provided.</p> <p>Materials fee: \$5 Level: Beginner -intermediate Students Should Bring:</p> <ul style="list-style-type: none"> • Approx. 100 yarn of a singles yarn with Z twist (clockwise), spun any method but thin is better than thick.
<p>The Art of Spinning Paper</p>	<p>Judith Mackenzie</p>	<p>Half-Day PM 2pm-5pm</p>	<p>Spinning paper is an old and honorable art; it's also fun and easy to do. It makes beautiful, washable and oh-so-wearable yarn. In this workshop, we'll spin several different types of paper, including mulberry, recycled and handmade. We'll learn how to spin a variety of diameters, produce different surfaces and textures and look at interesting ways to use these wonderful and unusual yarns.</p> <p>Materials fee: \$25 Level: Students should be comfortable on their wheel. Students Should Bring:</p> <ul style="list-style-type: none"> • Spinning wheel • If you have a choice, bring the larger pulleys for your flyer • Any type of paper that interests you and we'll check its spinning potential. • 2 extra bobbins • Scissors
<p>Spinning for Woven Cloth</p>	<p>Judith Mackenzie</p>	<p>Half-Day AM 9am-12pm</p>	<p>What could be more satisfying than making beautiful cloth with yarns you have designed and spun? In this class we'll look at how to spin for both warp and weft yarns. We'll spin a wide variety of fibers including flax, silk and cashmere. You will also learn how to support delicate warps like cashmere or qiviut. We'll learn to make several novelty yarns that add wonderful texture to your cloth and help to keep it light weight and resilient.</p> <p>Materials Fee: \$15 Level: Must be able to make a continuous yarn, helpful if you know how to ply. Should have a good working relationship with your wheel. Students Should Bring:</p> <ul style="list-style-type: none"> • Bring your wheel and all its parts, even the ones you don't use • Bring a ball winder and a swift if you have them • Combs if you have them • Niddy noddy • Handcards –cotton ones if you have them • I'll bring a variety of equipment, including a drum carder for us to share.

Retreat Day 5 – Saturday, April 13, 2019

<p>Intuitive Spinning</p>	<p>Jillian Moreno</p>	<p>Half-Day AM 9am-12pm</p>	<p>If you don't like technical spinning or stopping to do a lot of measuring, you can still get the yarn you want for a project or a yarn that you dream about. Intuitive spinning relies on the look and feel of a yarn while you're spinning rather than the measurements. In this class we will explore the intuitive style of spinning for drafting and plying. You'll learn how to use your eyes, hands and a few guidelines to get the yarn you want. We will spin sample yarns of different sizes and styles, and learn to keep a yarn consistent without measuring. We'll discuss exactly when and what to measure when you're spinning for a project (hint, it's not much). Please come with a yarn to spin in mind. Materials fee: \$20 Level: beginner and up Students Should Bring:</p> <ul style="list-style-type: none"> • A wheel is good working order • 3 bobbins • A lazy kate • Tags to mark samples • Pen and paper to take notes.
<p>Spin + Nosh – Blends: Linen, Wool and More</p>	<p>Jillian Moreno</p>	<p>Half-Day PM 2pm-5pm</p>	<p>Come explore both fiber and cheese in this spinning and snacking class. This year we'll sample five different commercially prepared fiber blending wool and linen, adding in a little silk and even ramie along the way. We'll talk spinning how-tos, do you spin them woolen or worsted? How do you finish them? How to spin them fine and how to spin them fat, and of course, discuss beautiful things to make with them. I did mention sheep cheese right? In between spinning we will nibble several cheeses and accompanying goodies. This year since we are celebrating blends in our spinning, we'll be tasting mixed milk cheeses, sheep, cow and goat in several blends. If you'd like to bring wine or beer to this class, you may. Materials fee: \$35 Level: Beginner Plus Students Should Bring:</p> <ul style="list-style-type: none"> • A wheel is good working order, or a spindle • At least 3 bobbins • A lazy kate • A niddy noddy • Tags to mark samples • A notebook and a pen
<p>Tablet Weaving: Woven Shoe Laces</p>	<p>John Mullarkey</p>	<p>One-day</p>	<p>Weave your own shoe laces! Using a weaving technique called tablet weaving, and literally using cards as your loom, learn how to weave laces out of crochet cotton. Your fly shoes will only get flyer with laces you've woven for them. Material Fee: \$15, students receive 20 cards, 1 shuttle, and documentation Level: Beginner, No weaving experience required. Students Should Bring:</p> <ul style="list-style-type: none"> • Scissors • Four balls or cones of 10/2 mercerized or unmercerized cotton or #10 crochet thread • Each ball should be at least 1/2 ounce • Two balls of one color, and two balls of one different highly contrasting color • There will not be time in class to wind off, so please come prepared with four yarn sources.

Retreat Day 5 – Saturday, April 13, 2019

<p>Beautiful Cotton: An Introduction to Spinning</p>	<p>Joan Ruane</p>	<p>One-day</p>	<p>This is an introduction to cotton spinning. Students will spend an entire day immersed in cotton. Starting with learning about their wheels and how they operate and how to adjust them for different kinds of fibers. Then they will begin spinning their cotton punis into beautiful singles.</p> <p>The afternoon will begin with spinning off the seed to moving on to the prepared sliver. Ending the day, you will ply the morning colored singles with the afternoon white cotton singles. Thus, each student should go home with a plied skein of cotton yarn and a good knowledge of cotton and how to spin it into useable yarn. After the full day you'll feel well-versed in Carding and making punis, Adjusting wheels for short fibers, Spinning the punis, Cotton History, Spinning off the seed and techniques for spinning cotton sliver, Plying a cotton yarn.</p> <p>Materials fee: \$15 Level: Beginner but must be comfortable treadling and making the wheel go both clockwise and counter clockwise. Students Should Bring:</p> <ul style="list-style-type: none"> • A well-oiled and working flyer spinning wheel with at least a 10/1 ratio • 3 empty bobbins (or storage bobbins to wind onto) • Set of carders (some will be available in class) • Lazy kate • Niddy noddy <p>No Woolee Winders please.</p>
<p>Beginning Spinning on the Wheel</p>	<p>Amy Tyler</p>	<p>One-day</p>	<p>Do you want to learn to spin? This workshop is an introduction to the marvelous craft of spinning yarn on a spinning wheel. We will cover the parts of the spinning wheel and the basics of how it works. In the process of spinning "singles" from wool, we will practice how to draft fibers and how twist turns fiber into yarn. We will also practice plying singles together for a 2-ply yarn. We will discuss the basics of preparing fleece for spinning, care of your wheel, and finishing yarns. Participants will leave with a completed skein of their own handspun yarn.</p> <p>Material Fee: \$20 Level: No experience necessary Students Should Bring:</p> <ul style="list-style-type: none"> • A spinning wheel in good working order with at least one bobbin.
<p>Woven Wirecore Jewelry</p>	<p>Emily Wohlscheid</p>	<p>Half-Day AM 9am-12pm</p>	<p>Small circular and tapestry looms are becoming more and more common, but what can you create on something so tiny? Wirecore yarn is a flexible and durable material that lends itself well to making wearable art. In this workshop, we will explore the limitations and possibilities of this exciting and versatile yarn using small handheld looms to create bracelets and brooches or pendants with various threads, textured yarns, and fine filaments in conjunction with the moldable wirecore yarn, resulting in one of a kind works of personal adornment.</p> <p>Materials Fee: \$30 Level: Any Students Should Bring:</p> <ul style="list-style-type: none"> • Bring themselves!

Retreat Day 5 – Saturday, April 13, 2019

<p>Moody Blues: Natural Dyeing (protein fibers)</p>	<p align="center">Jane Woodhouse</p>	<p>One-day</p>	<p>Enjoy the moody blues with this one-day intensive dye workshop using natural dye extracts. For this class we will be using a wide variety of dyestuffs along with indigo to produce a palette of complex blues, greens, purples and turquoise/teals. Indigo is the primary basis for this class that will use a natural vat to dye and overdye wool/mohair yarn samples. Our color range, while limited to one particular section of the color wheel, will explore both bright and intense as well as subtle and muted hues. We will layer 2 and 3 colors to build a formula base and develop skill working with indigo to produce approximately 50 color samples. The Moody blues have never looked so good and with the comprehensive dye notebook with workshop instructions as well as notes for working on your own to dye yarns and fibers, you'll be ready to go it alone!</p> <p>Please note, these extracts have been developed for the commercial dye market and while relatively non-toxic are very colorfast.</p> <p>Materials Fee: \$20 (plus \$10 for PA's rentals =\$30)</p> <p>Level: Beginning – Advanced dyers. Some familiarity with dye methods is helpful but not necessary.</p> <p>Students Should Bring:</p> <ul style="list-style-type: none"> • Good rubber gloves, • Sharpie or other waterproof marker • Scissors • Apron or old clothing to dye in.
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