

## FUNDAMENTALS OF WEAVING

This is the perfect class for those who have never woven, or those who need to brush up on the basics of warping and efficient weaving. Students will learn to warp a loom back to front, tie-up any treadles, calculate warp and weft needs. Emphasis will be placed on efficient and painless warping techniques (yes, really), understanding the basic workings of a four-shaft loom, and developing good weaving habits. Students will warp their own loom and weave a sample piece exploring plain weave and twill. We will have fun learning from each other.

EXPERIENCE LEVEL: This class is open to anybody with access to a four-shaft loom.

### EQUIPMENT:

Each student will need:

- Warping Board.
- Two half-pound cones of Harrisville Design Highland wool—one cone each in two different contrasting colors. One cone will be used as warp and one as weft. Please make sure yarn is on a cone and not in skein form. Balls are okay as long as you have a container to hold the ball and keep it from rolling around the floor as the yarn unwinds.
- 8/4 carpet warp of contrasting color to your warp (Don't go out and buy this if you don't have it on hand. I'll have some.)
- One four-shaft loom with an 8-inch weaving width. Table or floor looms will work.
- A reed to fit the loom 8 or 10 dents/inch.
- Raddle with clamp(s) for attaching the raddle to the loom. A raddle is a piece of equipment that goes on the back beam of your loom and has pegs or nails at one-inch intervals (or less). If you have any questions about this, contact me.
- Rubber bands of standard diameter to slip over raddle pegs
- A pair of lease sticks with a shoelace for each end (Lease sticks should be as long as your loom is wide. They should have holes drilled in each end. They can either be round, like a dowel, or rectangular. If you don't have lease sticks and are unsure about what they are, contact me.)
- Paper or warp sticks for separating the layers of warp as the warp is wound onto the warp beam. It/they should be at least 12" wide. Paper should be as heavy as paper grocery bag paper. In fact, paper grocery bags cut to fit this width work well.
- Reed hook.
- T-pins.
- Threading hook if you use one.
- Two shuttles (one will do in a pinch). They can be boat shuttles or stick shuttles. You may want extra bobbins for a boat shuttle.
- Bobbin winder if you have a boat shuttle.
- Yard stick.

- Scissors.
- Tapestry needle.
- Tape measure.
- Note-taking supplies

Facility will need to provide:

- Stacking chairs or tables on which students can rest warping boards.
- Tables for table looms.
- Chairs for weavers to sit in while weaving.
- A white board with markers and eraser if possible.

*Class size: This class should be limited to 12 people.*