

List of Skills in Textiles, Fibers, and Material Studies

- **Dyeing:** Fiber reactive, acid, vat, and natural dyes on cloth, yarn, wood, and paper
 - Experienced with low immersion, immersion, batching, wicking, gradient, and direct application with liquid and thickened dye
 - Experienced with resist techniques including ikat, shibori, wax batik, silk painting
- **Screen Printing:** Screen preparation using stencil, watercolor, soy wax resist, planar object resist, liquid and sheet photo emulsion, and drawing fluid with screen filler
 - Printing skills range from single motif to multi-layer interlocking repeat designs
- **Weaving:** frame loom, rigid heddle, 2-12+ shaft jack, counterbalance, and countermarche floor looms, AVL Compu-Dobby, TC-1 & 2
 - Experienced with reading and drafting complex weave structures, digital loom file preparation, tapestry, color and weave, supplemental warp and weft, hand and loom controlled double weave, non-traditional materials
- **Sewing:** home sewing machines and sergers, industrial sewing and overlock machines, long arm quilting machines with and without digital interface
 - Advanced experience in garment construction and free motion quilting
- **Garment Pattern Making:** Advanced flat and drape drafting
- **Plaiting:** flat and dimensional using reed and non-traditional materials
- **Other Printmaking:** Linoleum, wood block, risograph
- **Other Textile:** hand and machine knitting, crochet, netting, hand and machine embroidery, macramé, wet felting, needle felting, coiled basketry, spinning
- **Digital Fabrication:** large format fabric printers, 3-D printers, hand held and stationary 3-D scanners, laser cutters
- **Software:** Photoshop, Illustrator, Pointcarré, Weavemaker, SmartCarve, Cura, Art and Stitch, Quilt Maker Pro, Fiberworks, PixeLoom, Wilcom, Microsoft Office Suite