

## OHS SPINNING CERTIFICATE PROGRAMME OVERVIEW

Semester	Units
<b>I. Basic Spinning—Woollen</b>	<p>Spinning wheel maintenance</p> <p>Sheep as a fibre source; skirting, sorting, scouring; fleece preparation (carding by hand and machine)</p> <p>Woollen spinning techniques including spindle spinning, long and short draw; plying</p> <p>Colour theory; basic blending methods</p> <p>Acid dyes on wool; dye safety</p>
<b>II. Basic Spinning—Worsted</b>	<p>History and operation of various types of spinning wheels</p> <p>Plant dyes on wool; use of mordants; dye safety</p> <p>Sheep breeds and their wool types; choosing a fleece and recognizing faults</p> <p>Wool combing; worsted and semi-worsted spinning techniques; yarn finishing</p> <p>Colour study: blending; 30-step colour wheel; colour theory</p> <p>Fleece selection</p>
<b>III. Intermediate Spinning I</b>	<p>Preparation and spinning techniques for five fleece types; twist, grist, and diameter; double-coated fleece; spinning to end use</p> <p>Mohair; mohair blends</p> <p>Multi-plying and 3-ply chaining</p> <p>Exotic and lichen dyes on protein fibres; use of after baths; dye tests; dye safety</p> <p>Fifty-hour project introduction; time management</p>
<b>IV. Intermediate Spinning II</b>	<p>Fifty-hour project presentations</p> <p>Indigo dyeing; dye safety</p> <p>Silk preparation and spinning; reeling silk; making mawata; silk blends</p> <p>Exotic fibres: dog hair, alpaca, llama, camel, angora, cashmere, qiviut</p>
<b>V. Advanced Spinning I</b>	<p>Flax preparation and spinning; flax blends; bast fibres as available</p> <p>Cotton preparation and spinning; various forms and species of cotton fibres; cotton blends</p> <p>Synthetic and regenerated natural fibres and their blends</p> <p>Fibre identification</p>
<b>VI. Advanced Spinning II</b>	<p>Novelty yarn construction</p> <p>Yarn analysis and duplication</p> <p>Judging handspun yarns and items; mounting a juried show</p> <p>Creative dyeing; fibre-reactive dyeing; dye safety</p> <p>Creating a resume and portfolio; planning a Design Challenge</p> <p>In-Depth Study proposals</p>