

MMKC University

Freshman Program

The Freshman Program at MMKC University is a two-day class with the new machine knitter in mind. This program is also ideal for those who own but have not knit on a knitting machine for some time and are looking to refresh their skills in the fundamentals of machine knitting. Main-bed Japanese knitting machines only (no ribbers please). See supply list for machine and materials required.

MMKC does not sell or repair knitting machines. The MMKC website, <http://www.midwestmachineknitters.org/> has listings of dealers within and outside the state of Minnesota as well as links to other sources for machine knitting.

Curriculum - Day 1

Hands-on Basics (main bed)

- Casting on
 - E-wrap Cast on
 - Weaving Cast on
- Binding Off
 - Stitch through Stitch
 - Gathering Bind off
- Increasing
 - Simple Increase
 - Full Fashioned Increase
 - 2 Stitch
 - 3 Stitch
 - Multiple Stitch Increase
- Decreasing
 - Simple Decrease
 - Full Fashioned Decrease
 - 2 Stitch
 - 3 Stitch
 - Over and Back
 - Multiple Stitch Decrease
- Dropped Stitches
 - In Stockinette
- Unraveling
- Handling Loops on the edges of knitting

Stocking Cap

- Building upon what was learned during Class 1 – students will use the e-wrap cast-on, hanging a hem, gathering bind-off, and mattress stitch.

Curriculum – Day 2

How to Knit in Pattern

- Carriage Settings/Needle Positions/Knitting in Pattern
 - Needle Positions
 - Needle Selection Belt/KCI & KCII/N/CR
 - Hold
 - Tuck
 - Part (aka Slip)
 - Fair Isle
 - Cams
 - End Needle Selection
 - End Bed Arrows
 - Intarsia
 - Thread Lace (only available on some machines)
 - Weaving
 - Lace (lace carriage optional on some machines, hand transfer)

Swatches

- How to make a Tension Swatch
 - Markers
 - Measuring
 - Discussion of Impacts of Gauge to Pattern – to be further explored in the sophomore class.
 - Brief Discussion on Ease – to be further explored in the sophomore class.
- Treatment of Swatch and Knits
 - Tubing
 - Resting
 - Blocking
 - Laundering

The Knitting Machine – Parts and Basic Maintenance

- Needles
- Needle Retention Bar
- Tension Mast
- Extension Rails (depending on make of machine)
- Tools
 - Typically included with Machines
 - Optional (demo)
 - Maintenance Tools
 - Oil
 - Brushes