

Clothing 1

CORE STANDARDS, OBJECTIVES, AND INDICATORS

STANDARD 1: I can be able to recognize basic sewing equipment.

Objective 1: I can identify sewing machine parts and their function, safety, and maintenance.

- a. I can identify the needle stitch plate, feed dogs, presser foot, bobbin case, spool pin, upper thread tension, presser foot lever/lifter, thread take-up lever, foot pedal, handwheel, stitch length control, and stitch width control.
- b. I can demonstrate how to thread the sewing machine, replace a needle and how to turn the hand wheel when sewing.
- c. I can identify how a stitch is formed (sewing machine forms a stitch when the upper and bobbin threads interlock).
- d. I can identify safe sewing procedures (keep fingers a safe distance from needle, foot pedal placement).
- e. I can clean, oil, and care for the machine according to machine manual.

Objective 2: I can use the serger and know its function.

- a. I can discuss the advantages of the serger (cuts excess fabric, sews, and edge finishes)
- b. I can practice operating the serger.
- c. I can discuss safety and maintenance of a serger (always leave the presser foot down, do not serge over pins, zippers, or excessive bulk).

Objective 3: I can resolve sewing machine malfunctions.

- a. I can identify basic problems encountered when sewing: thread jam, broken needle, and incorrect stitch formation.
- b. I can explain solutions to common sewing machine malfunctions (skipped stitches, lint removal, noisy sewing machine, puckered seams, snagged fabric, tension, and looped thread).

Objective 4: I can identify sewing equipment, function, and safety procedures.

- a. I can identify a seam ripper, dressmaker pins, shear/scissors, pinking shears, rotary cutter and mat, seam gauge, tape measure, and transparent rulers.
- b. I can list sewing equipment safety precautions, procedures, and maintenance.

STANDARD 2: I will be able to recognize basic pressing equipment.

Objective 1: I can identify parts and functions of irons.

- a. I can identify temperature settings with different fiber content.
- b. I can explain safety procedures.
- c. I can explain the maintenance, cleaning and storage of an iron.

Objective 2: I can identify basic pressing equipment and functions.

- a. I can demonstrate the use of a pressing cloth.
- b. I can complete pressing/ironing techniques (press as you sew, appropriate pressing of seams).
- c. I can demonstrate the use of fusibles.

STANDARD 3: I will be able to analyze the characteristics and care of specific textiles.

Objective 1: I can identify basic fibers, the characteristics, use and care of each textile.

- a. I can identify natural fibers and their characteristics (cotton, linen, silk, wool).
- b. I can identify synthetic fibers and their characteristics (nylon, polyester, acrylic, rayon, spandex, acetate).

- c. I can identify advantages of blended fibers used in fabrics.
- d. I can practice various stain removal techniques (grass, gum, blood, chocolate, make-up, ball point pen; stains set by heat and time).
- e. I can select correct laundering procedures based on clothing care labels.

Objective 2: I can discuss how fabric construction affects selection of fabric.

- a. I can identify the terminology of woven fabrics (lengthwise, crosswise, bias, selvage, straight of grain/lengthwise, and cut/raw edge).
- b. I can identify the characteristics of woven, knit (interlocking loops), and non-woven/felted fabrics.
- c. I can identify correct fabric for project.

STANDARD 4: I can use the pattern envelope and guidesheet/instructions for pre-construction skills at the introductory level.

Objective 1: I can identify the information found on the pattern envelope and instruction guide sheet.

- a. I can identify important information on the pattern envelope (appropriate size, fabric type, notions, and yardage)
- b. I can identify important information found on the guidesheet (select pattern pieces, layout, and construction steps)
- c. I can determine pattern size based on body measurements.

Objective 2: I can complete pattern preparation.

- a. I can identify pattern tissue terminology/symbols (straight of grain arrows, notches, small dots, squares, triangles, buttons and buttonholes, cutting line, fold line).
- b. I can complete necessary pattern adjustments (length or width).

Objective 3: I can correctly layout the pattern pieces on the fabric.

- a. I can preshrink fabrics with high cotton content.
- b. I can press and straighten grain, if necessary.
- c. I can check for one-way and/or nap layout.
- d. I can identify correct layout.
- e. I can check straight of grain.
- f. I can double check all pieces before cutting.

Objective 4: I can correctly pin and cut out the fabric pieces.

- a. I can use correct spacing and positioning of pins (pin perpendicular to pattern edge, inside cutting line).
- b. I can select and use appropriate cutting tools.
- c. I can cut notches.
- d. I can keep the fabric as flat as possible when cutting pattern pieces out.

Objective 5: I can correctly mark the necessary pattern markings on the fabric pieces.

- a. I can identify marking tools and methods.
- b. I can select and use the best type of marking for fabric (pins, marking pen/pencil, chalk, tracing wheel and paper)

STANDARD 5: I can utilize construction techniques at the introductory level.

Objective 1: I can identify and practice basic construction techniques (basting stitch, back stitching, pivoting, clipping, notching, fold line, grading/layering, interfacing, reinforce stitching, seam allowance, seam finishes, selvage, stitching line, top stitching, and right sides together).

Objective 2: I can examine and select correct thread for the project.

- a. I can select thread that are “all purpose”.
- b. I can differentiate specialty threads (quilting, heavy duty, embroidery, metallic)
- c. I can see that Serger thread is lighter weight than all purpose sewing machine thread.
- d. I can see that quality thread prevents stitching problems.

Objective 3: I can compare and select correct needles.

- a. I can identify needle types (universal, sharp and ball point).
- b. I can differentiate between needle size/number (smaller size/number needle for fine or lightweight fabrics, larger needle size/number for dense or thicker fabrics).
- c. I can insert needle according to machine manual.

Objective 4: I can identify and construct standard seam widths and markings.

- a. I can check guidesheets/instructions for correct seam width (standard seam width for commercial pattern is 5/8 inch).
- b. I can identify 1/4, 3/8, 1/2, 5/8, and 3/4-inch width guidelines on the needle stitch plate.

Objective 5: I can press garment correctly.

- a. I know that pressing is an up and down motion, ironing is a sliding motion.
- b. I know the concept of press as you sew (never sew over a seam that hasn't been pressed).
- c. I can use correct temperature for fabric/fiber content.
- d. I can use steam/moisture if appropriate.
- e. I can use pressing cloth to prevent scorching and/or shine marks.

STANDARD 6: I can demonstrate basic construction techniques.

Objective 1: I can complete appropriate seam finishes.

- a. I know that a seam finish is applied to the raw fabric edges, used to prevent raveling/fraying.
- b. I can identify terms: zigzagged, serged open, serged closed, clean finished, stitched and pinked.

Objective 2: I can construct an appropriate casing for the project (1/4" wider than the elastic or draw cord).

Objective 3: I can construct a patch pocket with mitered corners and reinforced top corners (triangle, horizontal, bartack or double row of topstitching).

Objective 4: I can construct a buttonhole (length of button hole = depth of button + button diameter) Note: This is the correct mathematical equation.

Objective 5: I can attach a button by using a hand needle and thread.

Objective 6: I can construct a machine-stitched hem.

Objective 7: I can demonstrate the ability to follow guidesheet/instructions throughout the project construction.

Objective 8: I can complete one or more of the following hand stitches: blind stitch, hemstitch, slipstitch, whipstitch, or ladder stitch.