

Clothing and Textiles II

Revised 6-2011

Levels: Grades 9-12

Units of Credit: 0.50

CIP Code: 20.0213

Core Code: 34-01-00-00-092

Prerequisite: Clothing I must precede Clothing II

Skill Test: # 353

COURSE DESCRIPTION

This course introduces students to intermediate techniques associated with sewing, serging, and pressing equipment and reviews the types of fabric construction. Students will be able to make an intermediate level project using correct construction techniques. Student leadership (FCCLA) may be an integral part of this course.

CORE STANDARDS, OBJECTIVES, AND INDICATORS

STANDARD 1

Students will use intermediate sewing, serging, and pressing techniques.

Objective 1: Identify sewing machine parts and their functions (adjust stitch length with various fabric thickness/purpose).

- a. Explain the use of specialty feet (zipper, buttonhole, blind hem, and additional feet).
- b. Review owner's manual for care and specific maintenance of the machine.

Objective 2: Identify the parts of the serger and their functions

- a. Identify the needle stitch plate, feed dogs/system, presser foot, thread tensions, presser foot lever/lifter, handwheel, stitch length control, knives and loopers.
- b. Operate and care for serger according to machine manual (clean, oil).

Objective 3: Practice advanced pressing techniques.

- a. Incorporate the practice of "press as you sew".
- b. Use correct pressing equipment (tailor's ham, sleeve board, seam roll, point presser, pressing cloth).
- c. Identify and use appropriate temperature settings for a various fabrics with different fiber content.

STANDARD 2

Students will distinguish the different types of fabric and fiber characteristics.

Objective 1: Identify and review basic fibers (natural- cotton, linen, silk, wool) (synthetic- nylon, polyester, acrylic, rayon, spandex, acetate).

Objective 2: Identify various types of fabric construction.

- a. Identify woven fabrics.
- b. Identify basic weaves (lengthwise and crosswise yarns). (plain, basket, twill, satin)
- c. Identify knit (interlocking loops) fabric.
- d. Identify non-woven fabrics (felt).

STANDARD 3

Students will review and demonstrate pre-construction techniques at the intermediate level.

Objective 1: Identify necessary pattern information and alterations.

- a. Determine pattern size based on body measurements and finished garment measurements (wearing ease).
- b. Use pattern envelope to determine correct type and amount of fabric.
- c. Make pattern alterations (demonstrate length and width adjustments).
- d. Select appropriate fabric, yardage, and notions for the project.
- e. Demonstrate correct pattern layout techniques including one-way directional, napped, straight of grain, or plaid fabrics as stated on guidesheet.

Objective 2: Apply appropriate fabric and pattern preparation techniques.

- a. Pre-shrink fabric as appropriate.
- b. Review pattern symbols (pleat, dart).
- c. Review pattern placement and layout.
- d. Discuss one-way directional/nap layout.
- e. Review fabric terms.

Objective 3: Practice correct cutting techniques.

Objective 4: Demonstrate correct marking techniques.

STANDARD 4

Students will use correct construction techniques at the intermediate level.

Objective 1: Practice intermediate stitching techniques.

- a. Select appropriate thread and needle for project.
- b. Identify and demonstrate stitching techniques (dart, ease stitching, gathering, pleat, tuck, understitching, stitch in the ditch, stay stitching) and their applications).

Objective 2: Use appropriate techniques for enclosed seams (clipping, notching, layering/grading, trimming).

Objective 3: Practice correct application techniques for applying interfacing and attaching facings or collars.

- a. Select and apply appropriate interfacing (fusible, non-fusible).
- b. Demonstrate techniques associated with attaching facings or collars.

Objective 4: Identify each of the following and construct one or more: darts, pleats, and gathers.

Objective 5: Identify each of the following sleeves and construct one or more: kimono, raglan, set in (closed seam, open/flat).

Objective 6: Identify each of the following zipper applications and construct one or more: centered, lapped, fly, exposed/sport, invisible

Objective 7: Attach one or more appropriate closure: hook and eye, snaps, and pant/skirt hook.

Objective 8: Identify correct application techniques for a trim or other decorative technique: trims, ruffles, lace, piping, decorative stitching, gripper snaps, machine embroidery, appliqué

Objective 9: Identify types and complete correct application of hems.

- a. Identify steps of hem preparation (appropriate length and width, reduce bulk, ease, pressing)
- b. Complete one or more of the following hemming techniques: hand stitched hems, double fold hem, machine blind hem, rolled hem.
- c. Apply correct edge finishes: clean finished, zigzag, serged, stitched and pinked

Objective 10: Construct buttonhole and attach button.

- a. Determine correct size of buttonhole (length of button hole = depth of button + button diameter) Note: This is a correct mathematical equation.
- b. Mark placement and construct a buttonhole.
- c. Mark placement and attach a button using a thread shank.

Objective 11: Demonstrate the ability to follow directions/guidesheet throughout the project construction.