







Multiple Category Scope and Sequence: Scope and Sequence Report For Course Standards and Objectives, Content, Skills, Vocabulary

Monday, August 18, 2014, 11:15PM



	Unit	Course Standards and Objectives	Content	Skills	Vocabulary
District Intermediate <u>Sports Sewing II (20.0203)</u> (District) 2014-2015 <u>Collaboration</u>	<u>Machine, Serger & Pressing Review</u>  (Week 1, 2 Weeks) 	UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 STANDARD 1 Students will use intermediate sewing, serging, and pressing techniques. <ul style="list-style-type: none"> ▪ 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. 	<u>Sewing Machine</u> <ul style="list-style-type: none"> ▪ Sewing machine parts & functions ▪ Purposes of specialty feet ▪ Care and maintenance <u>Serger</u> <ul style="list-style-type: none"> ▪ Serger parts and functions ▪ Care for the serger <u>Pressing</u> <ul style="list-style-type: none"> ▪ The meaning of "press as you sew" ▪ Purpose of pressing equipment ▪ Temperature settings for various fabrics 	<u>Sewing Machine</u> <ul style="list-style-type: none"> ▪ Label and memorize sewing machine parts ▪ Describe the use of specialty feet ▪ Examine the owner's manual to locate information on machine maintenance <u>Serger</u> <ul style="list-style-type: none"> ▪ Identify parts of the serger and functions ▪ Demonstrate correct use and care of the serger <u>Pressing</u> <ul style="list-style-type: none"> ▪ Implement advanced pressing techniques 	<ul style="list-style-type: none"> ▪ Specialty Presser Feet ▪ Serger ▪ Serger Needle Stitch Plate ▪ Serger Feed Dogs ▪ Serger Presser Foot ▪ Serger Thread Tensions ▪ Serger Presser Foot Lever/Lifter ▪ Serger Stitch Length Control ▪ Serger Knives & Loopers ▪ Pressing ▪ Ironing ▪ Tailor's Ham ▪ Sleeve Board ▪ Seam Roll ▪ Point Presser ▪ Pressing Cloth
	<u>Fibers & Fabric Construction</u>  (Week 3, 2 Weeks) 	UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 STANDARD 2 Students will distinguish the different types of fabric and fiber characteristics. <ul style="list-style-type: none"> ▪ Objective 1: Identify and review basic fibers (natural- cotton, linen, silk, wool) 	<u>Fibers</u> <ul style="list-style-type: none"> ▪ Basic fibers <u>Fabric Construction</u>	<u>Fibers</u> <ul style="list-style-type: none"> ▪ List natural and synthetic fibers 	<ul style="list-style-type: none"> ▪ Natural Fibers ▪ Synthetic Fibers ▪ Weaves ▪ Knits ▪ Non-Woven

(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).

- Woven Fabrics
- Basic Weaves
- Knit Fabrics
- Non-Woven Fabrics

Fabric Construction

- Categorize fabrics by method of construction

Pattern Preparation



(Week 5, 2 Weeks)



UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 STANDARD 3 Students will review and demonstrate pre-construction techniques at the intermediate level.

- 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.
- d. Select appropriate fabric, yardage, and notions for the project.

Pattern Preparation

- Taking body measurements
- Reading a pattern envelope

Pattern Preparation

- Locate pattern size using body measurements
- Use pattern envelope to select correct type and amount of fabric & notions

- Wearing Ease
- Notions
- Yardage

Sewing Preparation



(Week 7, 2 Weeks)



UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 STANDARD 3 Students will review and demonstrate pre-construction techniques at the intermediate level.

- c. Make pattern alterations (demonstrate length and width adjustments).
- e. Demonstrate correct pattern layout techniques including one-way directional, napped, straight of grain, or plaid fabrics as stated on guidesheet.
- b. Review pattern symbols (pleat, dart).
- c. Review pattern placement and layout.
- d. Discuss one-way directional/nap layout.
- e. Review fabric terms.

Sewing Preparation

- How to alter a pattern
- Read a guidesheet for correct pattern layout
- Pattern Symbols
- Fabric Terms

Sewing Preparation

- Modify pattern for a correct fit
- Demonstrate correct pattern layout techniques
- Locate pattern symbols on pattern pieces

- Alteration
- One-Way Directional Layout
- Napped Layout
- Straight of Grain
- Pattern Symbols

Intermediate Stitching

Techniques

(Week 9, 2 Weeks)  

UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 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).
- c. Apply correct edge finishes: clean finished, zigzag, serged, stitched and pinked

Sleeves & Collars

Project



(Week 11, 3 Weeks)  

UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 STANDARD 4 Students will use correct construction techniques at the intermediate level.

- 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 5: Identify each of the following sleeves and construct one or more: kimono, raglan, set in (closed seam, open/flat).
- Objective 11: Demonstrate the ability to follow directions/guidesheet throughout the project construction.

Closures, Zippers, and Fullness

Techniques

(Week 14, 3 Weeks)  

UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 STANDARD 4 Students will use correct construction techniques at the intermediate level.

Intermediate Sewing Techniques

- How to select appropriate thread and machine needles for a project
- Intermediate stitching techniques
- Enclosed seam techniques
- Edge finishes

Collars

- Purpose of a facing
- Correct application of interfacing
- Types of interfacing

Sleeves

- Different types of sleeves
- Follow guidesheet directions

Fullness Techniques

- Purpose of darts, pleats, and gathers

Intermediate Sewing Techniques

- Select appropriate thread & needles for a project
- Demonstrate intermediate stitching techniques
- Use appropriate enclosed seam techniques
- Produce correct edge finishes

Collars

- Select and apply appropriate interfacing
- Construct a collar or facing

Sleeves

- Produce a garment that includes one of the various types of sleeves

Fullness Techniques

- Construct darts, pleats, or gathers.

- Dart
- Ease Stitching
- Gathering
- Pleat
- Tuck
- Understitching
- Stitch in the Ditch
- Stay Stitching
- Clipping
- Notching
- Layering/Grading
- Fusible Interfacing
- Non-Fusible Interfacing
- Clean Finish
- Zigzag
- Serged Edge Finish
- Stitched and Pinked

- Facing
- Fusible Interfacing
- Non-Fusible Interfacing
- Kimono Sleeve
- Raglan Sleeve
- Set-In Sleeve
- Thread Shank

- Darts
- Pleats
- Gathers
- Centered Zipper
- Lapped Zipper

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

Closures

- Various zipper applications
- Appropriate use of hook & eye and snap closures
- Correct equation for buttonhole length
- Where to mark buttonhole placement
- Purpose of a thread shank

Closures

- Produce centered, lapped, fly, exposed, or invisible zipper
- Execute the application of appropriate closures
- Calculate and mark the length of a buttonhole
- Construct a buttonhole
- Complete the attachment of a button using a thread shank

- Fly Zipper
- Exposed Zipper
- Invisible Zipper
- Hook & Eye Closure
- Snap Closure
- Pant/Skirt Hook

Trims and Hems

Project  (Week 17, 3 Weeks) 

UT: CTE: Family and Consumer Sciences, UT: Grades 9-12, Clothing and Textiles II 2011 STANDARD 4 Students will use correct construction techniques at the intermediate level.

- 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.
- Objective 11: Demonstrate the ability to follow directions/guidesheet

Trims

- Decorative Techniques

Trims

- Complete a project with the application of a decorative technique

- Trims
- Ruffles
- Piping
- Gripper Snaps
- Machine Embroidery
- Applique
- Hand Stitched Hems
- Double Fold Hem
- Machine Blind Hem
- Rolled Hem

Hems

- Steps of hem preparation
- Types and application of hems

Hems

- Assess correct application of hems
- Construct a hem using one of the various techniques

throughout the project construction.

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