



# Goodheart-Willcox Publisher

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<b>Goodheart-Willcox Publisher Correlation of Apparel: Design, Textiles &amp; Construction ©2018 to Precision Exams Clothing &amp; Textiles II</b>		
<b>STANDARD</b>		<b>CORRELATING PAGES</b>
<b>Standard 1: USE INTERMEDIATE SEWING, SERGING, AND PRESSING TECHNIQUES.</b>		
<b>1.1</b>	<b>Identify sewing machine parts and their functions (adjust stitch length with various fabric thickness/purpose).</b>	419-421
1.1.1	Explain the use of specialty feet (zipper, buttonhole, blind hem, and additional feet).	456, 463, 465-466
1.1.2	Review owner's manual for care and specific maintenance of the machine.	421
<b>1.2</b>	<b>Identify the parts of the serger and their functions.</b>	492-495
1.2.1	Identify the needle stitch plate, feed dogs/system, presser foot, thread tensions, presser foot lever/lifter, handwheel, stitch length control, knives and loopers.	492-495
1.2.2	Operate and care for serger according to machine manual (clean, oil).	498-509
<b>1.3</b>	<b>Practice advanced pressing techniques.</b>	418, 448, 468-469
1.3.1	Incorporate the practice of "press as you sew".	418, 448, 468-469
1.3.2	Use correct pressing equipment (tailor's ham, sleeve board, seam roll, point presser, pressing cloth).	418, 429, 448, 468-469
1.3.3	Identify and use appropriate temperature settings for various fabrics with different fiber content.	249, 263-264, 469
<b>Standard 2: DISTINGUISH THE DIFFERENT TYPES OF FABRIC AND FIBER CHARACTERISTICS.</b>		
<b>2.1</b>	<b>Identify and review basic fibers: natural-cotton, linen, silk, wool; synthetic- nylon, polyester, acrylic, rayon, spandex, and acetate.</b>	322-331, 337-342
<b>2.2</b>	<b>Identify various types of fabric construction.</b>	349-361
2.2.1	Identify woven fabrics.	353
2.2.2	Identify basic weaves (lengthwise and crosswise yarns). (plain, basket, twill, satin)	351-355
2.2.3	Identify knit (interlocking loops) fabric.	355



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2.2.4	Identify non-woven fabrics (felt).	358-359
<b>Standard 3: REVIEW AND DEMONSTRATE PRE-CONSTRUCTION TECHNIQUES AT THE INTERMEDIATE LEVEL.</b>		
<b>3.1</b>	<b>Identify necessary pattern information and alterations.</b>	379-391, 393-399, 430-435, 487
3.1.1	Determine pattern size based on body measurements and finished garment measurements (wearing ease).	379-391
3.1.2	Use pattern envelope to determine correct type and amount of fabric.	395-396
3.1.3	Make pattern alterations (demonstrate length and width adjustments).	430-432
3.1.4	Select appropriate fabric, yardage, and notions for the project.	396-397
3.1.5	Demonstrate correct pattern layout techniques including one-way directional, napped, straight of grain, or plaid fabrics as stated on guide sheet.	397, 432-435, 487
<b>3.2</b>	<b>Apply appropriate fabric and pattern preparation techniques.</b>	397, 399, 427-428, 432-435
3.2.1	Pre-shrink fabric as appropriate.	427-428
3.2.2	Review pattern symbols (pleat, dart).	399
3.2.3	Review pattern placement and layout.	397, 432-435
3.2.4	Discuss one-way directional/nap layout.	433-435, 487
3.2.5	Review fabric terms.	360-361, 428-429
<b>3.3</b>	<b>Practice correct cutting techniques.</b>	436
<b>3.4</b>	<b>Demonstrate correct marking techniques.</b>	436-438, 504
<b>Standard 4: USE CORRECT CONSTRUCTION TECHNIQUES AT THE INTERMEDIATE LEVEL.</b>		
<b>4.1</b>	<b>Practice intermediate stitching techniques.</b>	412, 414-415, 445-447, 453-454, 485, 489
4.1.1	Select appropriate thread and needle for project.	412, 414-415, 485
4.1.2	Identify and demonstrate stitching techniques (dart, ease stitching, gathering, pleat, tuck, under-stitching, stitch in the ditch, stay stitching) and their applications).	445-447, 453-454, 489
<b>4.2</b>	<b>Use appropriate techniques for enclosed seams (clipping, notching, layering/grading, trimming).</b>	451-452
<b>4.3</b>	<b>Practice correct application techniques for applying interfacing and attaching facings or collars.</b>	452-455, 473-476, 482



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4.3.1	Select and apply appropriate interfacing (fusible, non-fusible).	418, 454-455
4.3.2	Demonstrate techniques associated with attaching facings or collars.	452-454, 473-476, 482
4.4	<b>Identify each of the following and construct one or more: darts, pleats, and gathers.</b>	446-447, 489
4.5	<b>Identify each of the following sleeves and construct one or more: kimono, raglan, set in (closed seam, open/flat).</b>	476-478
4.6	<b>Identify each of the following zipper applications and construct one or more: centered, lapped, fly, exposed/sport, invisible</b>	455-459, 471
4.7	<b>Attach one or more appropriate closure: hook and eye, snaps, and pant/skirt hook.</b>	272, 415-417, 467-468
4.8	<b>Identify correct application techniques for a trim or other decorative technique: trims, ruffles, lace, piping, decorative stitching, gripper snaps, machine embroidery, appliqué</b>	273-274, 417, 486, 489
4.9	<b>Identify types and complete correct application of hems.</b>	450-451, 453, 460-465, 485, 495-497
4.9.1	Identify steps of hem preparation (appropriate length and width, reduce bulk, ease, pressing).	460-461
4.9.2	Complete one or more of the following hemming techniques: hand stitched hems, double fold hem, machine blind hem, rolled hem.	463-465
4.9.3	Apply correct edge finishes: clean finished, zigzag, serged, stitched and pinked.	450-451, 453, 462, 485, 495-497
4.10	<b>Construct buttonhole and attach button.</b>	271, 466-467
4.10.1	Determine correct size of buttonhole (length of button hole = depth of button + button diameter). Note: This is a correct mathematical equation.	466
4.10.2	Mark placement and construct a buttonhole.	271, 466-467
4.10.3	Mark placement and attach a button using a thread shank.	271, 466-467
4.11	<b>Demonstrate the ability to follow directions/guidesheet throughout the project construction.</b>	397-399, 427, 430, 432, 443, 456, 459, 475-477, 481-482, 504



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