

Pattern Drafting Assignment #1
Dart Manipulation
ASSIGNED: Week 1
DUE: Week 2

Patternmaking for Fashion Design

Chapter 5 Dart Manipulation (Principle #1) pgs 65 – 96

Abbreviations:

BF = Bodice Front	WA = Waistline Seam
BB = Bodice Back	SS = Side Seam
SL = Sleeve	AC = Armscye
CF = Center Front	SH = Shoulder Seam
CB = Center Back	NK = Neckline

LABEL ALL PATTERNS WITH:

1. Problem #
2. Design Number and Name
3. Technique Used
4. Grain Line
5. Notches
6. Seam Allowances 1/4" or as instructed

Mount All Final Patterns On Card Stock With One Staple
Please place each pattern in a sheet protector

SLASH AND SPREAD TECHNIQUE

Problem # 1 Chart Dart Locations p. 68

Complete problem directly on card stock page or on brown paper cut to 8 1/2" x11"
Use single-dart half-scale template
Chart location for all 8 dart design locations around the bodice front pattern

Problem #2—Design 1 Center Front Waist Dart p. 70

Mount final pattern. Place working pattern in back of sheet protector

Problem #3—Design 2 Center Front Neck Dart p. 72

Final and working pattern

Problem #4—Design 3 Mid-Shoulder Dart p.73

Final and working pattern

Problem #5—Design 4 French Dart p. 74

Final and working pattern

PIVOTAL TRANSFER TECHNIQUE

Problem #6—Design 5 Mid-Neck Dart pp75-76
One pattern

Problem #7—Design 6 Side Dart p. 77
One pattern

Problem #8—Design 7 Mid-armhole Dart p.78
One pattern

Problem #9—Design 8 Shoulder Tip Dart p. 79
One pattern

Problem #10—Self-Evaluation Test p. 80 Problem 2
Half scale flat pattern of bodice front with center front dart
Grain below dart parallel with CF(fold) and seam allowance added above dart

Problem #11—Self-Evaluation Test p. 80 Problem 2
Half scale flat pattern of bodice front with Center Front Dart
Grain above dart parallel with CF(fold) and seam allowance added below dart

SLASH AND SPREAD TECHNIQUE

Problem #12—Shoulder-tip Dart Figure 3, page 79

Problem #13—Side Dart Figure 3 page 77

Problem #14—Mid-Armhole Dart Figure 3 page 78

PIVOTAL TRANSFER

Problem #15—Center Front Neck Dart Figure 3 page 72 (one pattern)

Problem #16—Mid-shoulder Dart Figure 3 page 73 (one pattern)

Problem #17—French Dart Figure 3 page 74 (one pattern)

CHOOSE YOUR METHOD— EITHER SLASH AND SPREAD, OR PIVOTAL TRANSFER

Problem #18—Design 3 Pattern B p. 81

Problem #19—Design 4 Pattern A p. 81

Pattern Drafting Assignment #2
Tucks, Pleats, Flares and Gathers
ASSIGNED: Week 2
DUE: Week 3

Patternmaking for Fashion Design

Chapter 6 Tuck-Darts, Pleats, Flares, and Gathers

Abbreviations:

BF = Bodice Front
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NK = Neckline

LABEL ALL PATTERNS WITH:

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5. Notches

Mount All Final Patterns On Card Stock With One Staple
Please place each pattern in a sheet protector

Problem #20—Tuck-Darts p. 95

Mark partially stitched length 1 1/4" above waist line on dart legs
Fold the tuck-dart closed on the 1 1/4" length only
Cut the waist line along the cut line
(Do not draft broken line to apex)

Problem #21—Pleats p.96

Mark the pleat line (original location of the dart legs at sew line with a T)
Do not draft the broken lines of the original dart legs
Fold the pleat closed
Cut the waistline along the cut line

Problem #22—Flare p. 96

Final pattern marked as in Figure 3
Do not mark the broken lines of the original dart legs or side seam
Draft a smooth waistline from CF to SS

Problem #23—Design #1 Gathers at Shoulder and Waist Dart p.97

Slash-Spread Technique for working pattern

Remember book measurements are to be divided by 2 for half-scale patterning

For final pattern the shoulder line should be a smooth curved line with notches
added 1/4" from the SH and 1/4" from the NK

Draft the Bodice Back with the shoulder notches (upper portion only) Figure 3 on p.97

Problem #24—Gathers Design #1 Gathers at Shoulder (no waist dart) Bodice front

p. 98-99

Pivotal Transfer Technique

Problem #25—Left Illustration Gathers at CF Bust p. 94

Slash and Spread Technique

See page 104 for dart transfer to CF (no waist dart)

Problem #26—Left Illustration Gathers at CF Bust p. 94

Pivotal Transfer Technique

Problem #27—Gathers at Neckline and Waist Dart—no illustration

Slash and Spread Technique

Problem #28—Gathers at Neckline and Waist Dart—no illustration

Pivotal Transfer Technique

Problem #29—Gathers at Waist—no illustration

Dart intake released to gathers

Pattern Drafting Assignment #3
Multi-Dispersion Patterns
ASSIGNED: Week 3
DUE: Week 4

Patternmaking for Fashion Design

Abbreviations:

BF = Bodice Front	SS = Side Seam
BB = Bodice Back	AC = Armscye
SL = Sleeve	SH = Shoulder Seam
CF = Center Front	NK = Neckline
CB = Center Back	SF = Side Front
WA = Waistline Seam	SB = Side Back

LABEL ALL PATTERNS WITH:

1. Problem #
2. Design Number and Name
3. Technique Used
4. Grain Line
5. Notches

Mount All Final Patterns On Card Stock With One Staple
Please place each pattern in a sheet protector

Problem #30—Back Neck Facing Figure 1 p. 91

Measure the length of the SH from the NK to the first dart leg, this will be the width of the back neck facing

Draw the facing line even width from neck line

Add seam allowance to CB, NK, and SH. Do not add seam allowance to lower edge of facing piece, add grain line parallel to CB

The bodice back pattern does not need to be included with this problem. Your pattern piece should look like the pattern that says “Back Facing”

Problem #31—The Multi-Dispersion Bodice Back pattern Figure 2 p. 91

Smooth curved lines of NK, SH, and AC

Mark ease control notches on SH

Problem #32—Neck Dart on Bodice Back Figures 1-3 p. 92

Include working pattern and final design pattern

Locate Dart at mid-neck

Problem #33—Excess Transferred to Armhole Figures 1-2 p. 92

Method shown is slash-spread technique

For this assignment do not use this technique

Use pivotal transfer technique to create this pattern—THINK ABOUT IT

Blend and smooth the AC after the SH dart is pivoted to the AC

Problem #34—Classic Princess Styleline—CF Section

Review p. 123 Figure 9 for shapes of completed patterns
Add notches along styleline as shown above and below apex
Mark grainline parallel to CF
Add 1/4" seam allowance to all sew lines

Problem #35—Classic Princess Styleline—Right Side Pattern for SF

Review p. 123 Figure 9 for shape of Side Front
Mark grain line parallel to CF prior to slash of styleline
Add notches along styleline as shown
Add 1/4" seam allowance to all sew lines

Problem #36—Classic Princess Styleline—Right side Pattern for CB

Review p. 122 Figure 8 for shape of Back
(Remember CB opening)
Add notches along styleline as shown
Mark grain line parallel to CB
Add 1/4" seam allowance to all sew lines

Problem #37—Classic Princess Styleline—Right side of pattern for SB

Review p. 122 Figure 8 for shape of Side Back
Mark grainline parallel to CB (at Figure 7 p. 136) prior to slash of styleline
Add notches along styleline as shown
Add 1/4" seam allowance to all sew lines

Problem #38—Armhole Princess Styleline—CF

Review p. 125 Figure 3 for shape of Front
Fold in half to make a complete mirrored front
Add notches along styleline as shown above and below apex
Mark grainline parallel to CF
Add 1/4" seam allowance to all sew lines

Problem #39—Armhole Princess Styleline—Right Side Pattern for SF

Review p. 125 Figure 3 for Shape of Side Front
Mark Grain line parallel to CF (Figure 1 p. 138) prior to slash of style line
Add notches along styleline as shown
Add 1/4" seam allowances to all sew lines

Problem #40—Armhole Princess Styleline—Right Side Pattern for CB

Review p. 125 Figure 5 for shape of Back
Add notches along styleline as shown
Mark grain line parallel to CB
Add 1/4" seam allowances to all sew lines

Problem #41—Armhole Princess Styleline—Right Side Pattern for SB

Review p. 125 Figure 5 for shape of Side Back
Mark grain line parallel to CB (Figure 2 p. 138) prior to slash of styleline
Add notches along styleline as shown
Add 1/4" seam allowances to all sew lines

Pattern Drafting Assignment #4
Dart Manipulation
ASSIGNED: Week 4
DUE: Week 5

Patternmaking for Fashion Design

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LABEL ALL PATTERNS WITH:

1. Problem #
2. Design Number and Name
3. Technique Used
4. Grain Line
5. Notches
6. Seam Allowances 1/4" or as instructed

Mount All Final Patterns On Card Stock With One Staple
Please place each pattern in a sheet protector

Problem #42—Right Bodice Front—Extension & Horizontal Buttonhole Placement

Follow instructions for Closure – Overlap (extended front) p. 389
Overlap = diameter of button (3/4" diameter, flat, two hole button)
Down from NK one-half the diameter plus 1/4"
Buttonhole spacing p. 390 mark first and last
(last button 1 1/2" above WA and center button at bust line level (apex))
Divide space among remaining buttons
Evenly space 5 buttons along CF—follow instructions for Placement p. 390
Buttonhole length begins 1/8" out from the CF (on the extension)
Buttonhole length p. 390—diameter plus 1/8 inch = _____

Problem #43—Right Bodice Front—Extension and Vertical Buttonhole Placement

Follow instructions for Closure-Overlap (extended front) button diameter plus 1/2"
Overlap = diameter of button (1/2 " diameter , flat, four hole button)
Necklines p. 408 down from NK 1/2 diameter plus 1/4"
Buttonhole spacing p. 409 mark first and last
(last button 1 1/2" aboce WA and center button at bust line level (apex))
then divide space among remaining buttons
Evenly space 5 buttons on the CF line
Buttonhole length diameter plus 1/8" = _____

Problem #44—Even Neck and Armhole Facings p. 392—Figure 1—Bodice Back

Problem #45—Even Neck and Armhole Facings p. 392—Figure 2—Bodice Front

Problem #46—V-Neck Facing—Figure 1 p. 393—Bodice Back

Uneven Neck Facing for lowered neck –1 “ wide
Lower neckline on Bodice Back 1/4” from NK/SH intersection and
down CB 2 1/2” from NK

Problem #47—V-Neck Facing—Figure 2 p. 393—Bodice Front

Even Neck Facing for V-neck—1” wide
Draw v-neck on bodice front 1/4” from NK/SH intersection and down to CF 1/2”
above bustline level

Problem #48—Combined Facings p. 396 Figure 1—Back

Follow Instructions
Length at CB in 2 inches and length at SS is 3/4”

Problem #49—Combined Facings p. 396 Figure 2—Front

Follow Instructions
Length at CF is 1” and length at SS is 3/4”

Problem #50—Extended CF for Closure with All-in-One Facing (Self-Facing)

Leave 3 inches of excess paper to right of CF line
Extend CF 1/2”—Fold back excess paper on extended front line
Draft a facing that is all-in-one (attached to front)
Draft 1/4” seam allowances for bodice front
Cut NK line and WA with paper still turned back
Open turned back paper
Measure and mark the width of facing at WA and SH is 1 1/2”
Draft curved facing line (no seam allowance added to this line)

Problem #51—Self-Facing plus structural support without interfacing material

Extend CF 1/2” for closure
Add 2” from front extension and turn back 1”
Turn back 1” again, then cut neck line and waist line shape
Draft 1/4” seam allowances for the bodice front
Cut NK line and WA line with paper still turned
Open turned back paper

Pattern Drafting Assignment #5

Dart Manipulation

ASSIGNED: Week 5

DUE: Week 6

Patternmaking for Fashion Design

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NK = Neckline

LABEL ALL PATTERNS WITH:

1. Problem #
2. Design Number and Name
3. Technique Used
4. Grain Line
5. Notches
6. Seam Allowances 1/4" if you want or as instructed

Mount All Final Patterns On Card Stock With One Staple

Please place each pattern in a sheet protector

NOTE: Pattern #52 and 64 - are the only problems you will use the one dart bodice front sloper for.

#53 – 63 use the 2 dart bodice front sloper you patterned or I gave you.

NOTE: For Problem #52 move the dart point at the WA 1/2" from bust point.
move the dart point at the SS 5/8" from bust point.

Problem #52—Waist and Side Dart p. 83-84—Use one dart Bodice Front Sloper

Mount working pattern (pattern #1 slash and spread) AND final pattern

If you add seam allowance do not add to center front

EITHER TECHNIQUE

Problem #53—Design #1—Mid-Shoulder and Waist Dart p. 85

(Use 2 dart Bodice Front Sloper)

Problem #54—Design #2—Mid-Armhole and Waist Darts p. 86

(Use 2 dart Bodice Front Sloper)

Problem #55—Design #3—Mid-Neck and Waist Dart p. 87

(Use 2 dart Bodice Front Sloper)

Problem #56—Design #4 Shoulder-Tip and Waist Dart p. 88

(Use 2 dart Bodice Front Sloper)

Problem #57—Design #7 Center Front Neck and Waist Dart p. 89
(Use 2 dart Bodice Front Sloper)

Pivotal-Transfer Technique

Problem #58—Design #11—Side Dart and Waist
Figure 3 p. 84 (one pattern)

Problem #59—Problem 2—Design 1— p. 90 Either Technique

Problem #60—Problem 2—Design 2— p. 90 Either Technique

Problem #61—Flat Sketch the bodice design for Pattern A—p. 90

Problem #62—Flat Sketch the bodice design for Pattern C—p. 90

Problem #63—Problem 2—Pattern A—either technique—p. 90

Problem #64—Problem 2—Pattern C—either technique—p. 90

Problem #65—Graduated Darts—Slash and Spread p. 105
Use single dart bodice

Problem #66—Radiating Darts—Slash and Spread p. 106
Use Single Dart Bodice