

FALL 2015
18 week Course
September 9, 2015 – January 28, 2015
Instructor: Joan McKenna
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Computer Patternmaking Using Patternmaker 7.5

www.patternmakerusa.com

Wednesdays & Thursdays 5:30 – 9:00 pm

Location: West City Campus
3249 Fordham Street
San Diego, CA 92110
Room 209 & 208.

ALL My Syllabi are ALWAYS subject to change.

First Day of Class: Print out this Syllabus, the Patternmaking Glossary & Classroom Etiquette and take it to class. Be prepared to take notes and fill out registration cards. Bring a 4 GIG (or bigger) USB. I have important handouts for you.

YOU ARE RESPONSIBLE FOR THESE.

Mission Statement for Hospitality and Consumer Science:

Students completing courses or programs in Continuing Education's Hospitality and Consumer Sciences department will gain knowledge and skills in any of the possible subject matter offerings (foods / nutrition / culinary arts / hospitality / fashion production / fashion merchandising / textiles / interior design / life management / consumer issues and personal development) in order to prepare for vocational careers and positively affect one's quality of life.

SDCE Student Learning Outcomes:

Fashion Department Student Learning Outcome:

Students completing a fashion or fashion production course or program will be able to understand and apply concepts, technologies, related skills and techniques by successfully completing class projects in order to prepare for fashion careers.

Course Student Learning Outcome:

Students will demonstrate their Fundamentals of Patternmaking course learning and competencies by using a computer patternmaking program to plot a master pattern, edit their measurement charts, design and construct their own original design.

Course Goals:

Upon successful completion of the course the student will be able to:

1. Embrace industry specific nomenclature, reading, writing, math, communication and teamwork skills used to interact successfully with employers, customers, family and friends.
2. Evaluate and problem solve using computer patternmaking methods and techniques.
3. Combine computer patternmaking skills with other forms of patternmaking to attain the most efficient way of designing a garment.
4. Assess information on entry level employment opportunities in the apparel and costume industry.
5. Synthesize computer patternmaking skills for an entrepreneurial sewn product business venture, family, friends and personal use.

Patternmaking Course Objectives:

Students will demonstrate their class acquired learning and competencies through practical applications, plus written and oral communications. At the end of the course, with reasonable attendance, the student should be able to demonstrate the ability to:

1. Define, describe, and demonstrate computer patternmaking nomenclature, basic patternmaking tools and techniques.
2. Design a garment on a croqui silhouette drawing that flatters the body proportions of the fit model.
3. Measure a man, woman, child, or dog and convert the measurements into a well-fitting pattern using a computer patternmaking program.
4. Employ the principles of computer patternmaking to pattern and problem solve an original design that fits your fit model.
5. Use their newly acquired skill, throughout the course, by completion of assigned project(s).
6. Demonstrate time saving equipment and techniques used in pattern production, such as but not limited to: planning, organizing, and sequencing.
7. Purchase appropriate fabric and findings for a given fashion design to create the finished image desired.

8. Identify skills that are transferable to the career market including but not limited to: research, communication, diplomatic teamwork, and patternmaking competencies.
9. Attendance and punctuality. Missing more than 20% of the course hours will affect learning, grade, and certificate earning ability.

Method of Instruction:

Methods of Instruction may include, but are not limited to: classroom lectures, classroom discussions, collaborative learning, peer training, demonstrations, internet resource websites and links for research, software programs, books on disk, text books, library building books, written information handouts, audio-visual presentations, **fandango** field trips, guest speakers, completion of portfolios, personalized attention, and student projects. To get Individualized Help: Write your name on the white board in descending order under the word "Help."

Patternmaking Student Syllabus and Needs List

Week 1: Wed Sept 9: room 208 – First Day of Class. Introductions. Online registration. Do NOT use your Social Security Number. Use your CSIDs number. Student Learning Outcome Sheets. Patternmaker Handouts. Things to Download and Print for Thursday. If you use a fit model, they will need to come to class several times for fittings. Classroom Etiquette. All Levels Welcome. Tools and Equipment supplied by the School. Fit-Models. The syllabus. Slopers, and final Toiles project which will consist of at least 2 pieces. (Talk to me if you have other ideas.) Handouts and Resources on a USB. **Bring your USB to EVERY CLASS!!!** Keep up with assignments. Homework. This is NOT a certificated course. Sewing & Cutting in room 209. Computers in Room 208. Access to a sewing machine or TLC for the school's machines. Signing out Sewing Machines to use & EROs. Recommended Text(s). Using the instructor for guidance and resources. Receiving help and learning from each other. Always list your topic on the "Help" board. Buying your project needs: fabric, notions, patternmaking rulers, & lifetime sewing kit. Email your absences to me. **Cleaning up at end of EACH class: 8:45 PM. Students need to Sweep and make sure the tables are spray cleaned before they go home.** Spring Fashion Show put on by Mesa College. **Today's Lesson:** Overview of Patternmaker program. www.patternmakerusa.com. *Always save on your flash drive: SAVE often and "save as:" Version 2, 3 etc. There is NO STUDENT SAVE in room 208.* Cute PDF free software and Plotter/Printer Discussion. **HOMEWORK: Download and Print from Blog. Obtain supplies needed for THURSDAY, September 10.**

Thurs Sept 10: room 209 – Taught by Jeanne Reith. **Do NOT miss this class.** If you are going to be working with a fit model, he/she needs to come. All fit models who enter this classroom, must be human and over the age of 18. Wear or bring a bathing suit, body suit, leggings, a tight T-shirt, or exercise wear. **You will need socks.** We will be taking measurements to enter into Patternmaker and plot close fitting master patterns. **Note: We will ONLY be measuring the main charts: Women's, and Men's. Dogs and children will have to be measured at home. Everyone needs to be at least 18 years old to be in the classroom.** Remember: The program plots patterns based on measurements. They need to be very accurate. The class will break up into groups of 3: The Victim, the Scribe, & the Measurement taker. Then, we will change positions until the entire group of 3 has been measured. **Come prepared!!!! Read your syllabus cover to cover !!! There are directions for this class and supplies that are needed! DO NOT LEAVE WHEN YOU ARE DONE. Jeanne will be Taking CROQUI PICTURES OF YOU.**
Measuring Recommendations:

3 people are necessary to take measurements:

The Measurement Taker, the Scribe, and the Victim.

This will get the job done in a timely manner. Remember the “victim” gets tired. **Do not let them lose their perfect posture.** Being FAST and ACCURATE is a necessity.

We will *ONLY* be measuring the main chart for Women or Men. *There is a handout.*

Review all instructions BEFORE you take measurements.

ALWAYS put the victim’s name and the date on their measurement chart.

Remember: Always measure at/to the bottom of the elastic.

Do the following prep before measuring: (Can be done before CLASS)

You will need an elastic for your: Bust, Natural Waist, Abdomen, Hips.

Fasten ends together with a safety pin BEFORE coming to class.

Mark the bust elastic “BUST” and put your name on it.

Mark the waist elastic “WAIST” and put your name on it.

Mark the abdomen elastic “ABDOMEN” and put your name on it.

Mark the hip elastic “HIP” and put your name on it.

Supplies needed to MEASURE for Patternmaker: Bring to next class – September 10.

1 inch wide elastic. Buy enough elastic to encompass your **bust, NATURAL waist, abdomen, and hips. You will need 4 pieces of elastic.**

Bring a leotard, bathing suit, leggings, close fitting knit shorts, a close fitting knit tank top, T-shirt, Socks (Measurements are taken without shoes on.)

Great fitting bra

Wash off marker. If you do not mind marks on your body: Sharpie FINE POINT Marker

Pencils & Eraser

NEW measuring tape that will go around the largest part of your body

Underarm/Pant Inseam tape measure

An EVERYTHING scissors

Weighted cord

6 inch sewing gauge

Calculator

4 large safety pins

NICE TO HAVE ON HAND: Extra Safety Pins, 3” x 3” Post it notes, Dry line correction tape

Week 2: Wed Sept 16: room 208 - BRING YOUR USB TO EVERY CLASS. Work on making personal Croqui with Paint.Net and Joan McKenna. <http://www.getpaint.net/>. Introduction to Paint.net software. Complete your 4-view Croqui in Paint. Print it out @ home. Room 208 has no printer. Trace it. Put your name & date on it. If you give me your original croqui, I will PDF and make 10 copies of your croqui.

Thurs Sept 17: room 208 - BRING YOUR USB TO EVERY CLASS. Download complete 7.5 Patternmaker Documentation. Complete your croqui. In-between working with your sloper, put pictures of what you want to pattern, in Patternmaker, on your USB. Use the pictures for inspiration. Draw your design on your croqui. One style to one croqui. You need to show the same style on all 4 views of 1 croqui. These pictures can be colored or just sketched. You will need the approval of the instructor to pattern what you have drawn. (Trust me, I will NOT let you choose something that is above your skill level.) You will need to draw 5 garments. 2 will be chosen to be patterned. It can be a jacket and skirt. A Historical Creation from 1795 with panniers, a corset, bodice, underskirt and skirt. Or a dress with a bolero jacket. Gentlemen can draw a shirt and pants. Bathing trunks and a shirt. Your final toile will be of woven fabric. (So will your final collection.) Design accordingly. Take this class period to finish the croqui and become inspired !!!!! **FINAL Croqui approval date: Oct 22**

Week 3: Wed Sept 23: room 208 - Introduction to Patternmaker software. Learn Patternmaker's Tools.

Thurs: Sept 24: room 208 - Introduction to Patternmaker software. Learn MORE Patternmaker's Tools.

Week 4: Wed Sept 30: room 208 - **BRING YOUR USB** and a fairly new **TAPE MEASURE TO EVERY CLASS**. Introduction to computer slopers.

***Bring Your Measurements, Cut Function Key Strip, tape measure and USB
Remember to Save OFTEN to your USB**

You will be creating your sloper(s). In this way, you will be checking whether or not your patternmaker measurements are correct.

Open Patternmaker Program

Commands: Purple color...inactive. Green is active.

Blue bar: Tells you exactly what you have to do.

Open Macro: Input your Measurements in Create Measurements.

Copy your measurements file to your USB.

Designer: Leena

Women 1 Collection

Fitting Bodice

Choose **your** measurements when program asks for MTBs

Choose minimum ease

Choose "0" seam allowances

Keep track with **NOTES** as to what happens when the pattern appears

Analyze. 100% OF THE TIME.... It is one or two measurements that are wrong.

Yes, the program requires tweaking !!!!

Once you get the sloper correct, the program is MUCH easier to work.

Then all you need to worry about is the design and it's changes to get that way.....

Keep notes as to what you are changing. There is always a way to get it to do what you want.

Ask Instructor for help. Don't let your frustration level go up.

When ANY pattern creates, save to USB. Version 1, 2, etc.

When you are satisfied, Choose "1 inch" seam allowances.

ALWAYS Save to USB. Version Final.

When you are satisfied, it is time to move on and try the **Pant with darts**.

Print or Plot. Your choice. Move the fitting bodice and pants patterns to 34 x 108 paper Save. ALWAYS GET THE OKAY FROM THE INSTRUCTOR TO PLOT OR PRINT. This is your safety check.

File

Print Set up

Choose: HP 500

Go into Properties

Paper Options

Choose 34 inches by 108 inches (This may not be long enough.)

Paper Quality

Make sure source is a roll

Press Custom Button

Sometimes there is a "Select From" Place
If not, we can input the 34 inches by 108 inches
Press OK for the set up
Notice the page lines changed on the main patternmaker screen
Press "page up" to zoom out (Or use your function keys)
"Move" one piece at a time and put pattern pieces all on the page.
Sleeve "sometimes" needs to be turned 90 degrees.
You can input the 90 degrees or rotate around the grainline.
Sometimes you can get kicked out of the program. (Fixed in version 7.5)
Need to **save** your work....often. Remember to save to USB
Press "page down" to zoom in (Or use your function keys)
Add your name to each piece before you print. Save.
Print to Cute PDF **and** save to your USB. You **should be able** to print PDFs @ home.
You can plot at Staples, Fed Ex, Office Depot. Some places are better than others.
Rancho San Diego Staples is the best !!!! The cost is between \$15 & \$20 per pattern.

Never EVER: Turn off your computer until you check that ALL your pattern(s) / PDFs are on your USB.

Supplies needed immediately after the initial pattern printing:

Paper scissors and ¾ inch Scotch magic tape (green label.)
One Dritz patternmaking ruler or if this will be future business: A set of patternmaking rulers.
Be prepared to "tweak"

Thurs: Oct 1: room 208 - Continue to Work on perfecting your Computer Pattern Slopers. Work with No Seam Allowances. We will put them on at the end before plotting. Make sure you text your name on each pattern piece.

Week 5: Wed Oct 7: room 208 - Continue to Work on perfecting your Computer Pattern Slopers. Work with No Seam Allowances. We will put them on at the end before plotting. Make sure you text your name on each pattern piece.

Thurs: Oct 8: room 208 - Work on perfecting your Pattern Computer Slopers. Add 1 inch seam allowances. Plot/print to Cute PDF, put on **your** USB, and have the pattern plotted at Staples or FedEx or print at home.

*******Saturday, October 10, 2015 Fandango** Field Trip to the LA Garment District with Sew Pros. \$50 to ride their bus. It's worth it !!!! Call Rosemary or Deana at the Clairemont Store for details: 858-279-2500. Bring your pattern envelope and syllabus. You can buy the rest of your supplies and fabrics for your garments.

Week 6 Wed Oct 14: room 209 - Cut out your paper sloper patterns. Place on your ON GRAIN toile fabric. (Usually muslin.) Sew it up with the school's Pfaffs or Berninas. Sew with NON-matching thread. Have a fitting with the instructor. You may or may not have additional changes to make to your patternmaker measurements before you start patterning your design. Note: Your inputted measurements must be as accurate as possible before you start patternmaking your original design.

Thurs: Oct 15: room 209 - Continue to sew sloper toiles.

Week 7: Wed Oct 21: room 209 - Continue to sew sloper toiles.

Thurs: Oct 22: room 209 - Continue to sew sloper toiles. Final Date to have your final garment toile croqui approved by the instructor.

Week 8: Wed Oct 28: room 208 - In Patternmaker, let's find macros that are close to what you want your designs to look like. Input your measurements. Cute PDF the patterns with "FIT to Page." You will use these patterns to show the instructor (in quarter size) the patternmaking technique to achieve your final garment designs. Print your PDFs at home. I will photocopy them for you tomorrow.

Thurs: Oct 29: room 209 - Bring paper scissors, $\frac{3}{4}$ inch scotch magic tape. Let's practice what you are going to do with Patternmaker's tools. I will supply colored paper. I will approve what you want to do. This will make your project time in room 208 much more productive.

Week 9: Wed Nov 4: room 209 - ***We may **need** to continue the flat patternmaking lesson. If not, we will go to room 208 to begin our Computer Pattern final toile project.

Thurs: Nov 5: room 208 - Start to Computer Pattern final toile project. Remember interfacings, facings and other details. Pattern your final garment toiles without seam allowances.

Week 10: Wed Nov 11: NO CLASS. Veterans Day.

Thurs: Nov 12: room 208 - Pattern your final garment toiles without seam allowances.

Week 11: Wed Nov 18: room 208 - Pattern your final garment toiles without seam allowances.

Thurs: Nov 19: room 208 - Pattern your final garment toiles without seam allowances.

Thanksgiving Week Nov 23 – Nov 27: NO CLASSES

Week 12: Wed Dec 2: room 208 - For those of you who have completed your patterns for your final toile project, move on to the Grading component of Patternmaker. Grade your final patterns without seam allowances. For the rest of us: Pattern your final garment toiles without seam allowances.

Thurs: Dec 3: room 208 - Pattern your final garment toiles without seam allowances.

Week 13 Wed Dec 9: room 208 - Pattern your final garment toiles without seam allowances.

Thurs: Dec 10: room 208 - Pattern your final toile toiles without seam allowances.

Week 14: Wed Dec 16: room 208 - Pattern your final garment toile toiles without seam allowances.

Thurs: Dec 17: room 208 - Work on perfecting your 2 Pattern Garment toiles. Add 1 inch seam allowances. Plot/print to Cute PDF, put on **your** USB, and have the pattern plotted at Staples or FedEx or print at home.

Winter Break: Monday Dec 21 – January 5 NO CLASSES

Week 15: Wed Jan 6: room 209 - Sew final Toiles. Have a fitting with the instructor.

Thurs: Jan 7: room 209 - Sew final Toiles. Have a fitting with the instructor.

Week 16: Wed Jan 13: room 209 - Sew final Toiles. Have a fitting with the instructor.

Thurs: Jan 14: room 209 - Sew final Toiles. Have a fitting with the instructor.

Mon 18 Martin Luther King's Birthday. NO CLASS.

Week 17: Wed Jan 20: room 209 - Sew final Toiles. Have a fitting with the instructor.

Thurs: Jan 21: room 209 - Sew final Toiles. Have a fitting with the instructor.

Week 18: Wed Jan 27: room 209 - Sew final Toiles. Have a fitting with the instructor.

Thurs: Jan 28: room 209 - Final Day of Computer Patternmaking. Pictures will be taken.

Computer Patternmaking Needs: (Hopefully this is complete)

1 of 2. Supplies needed to MEASURE for Patternmaker: Bring to next class – September 10.

1 inch wide elastic. Buy enough elastic to encompass your **bust, NATURAL waist, abdomen, and hips. You will need 4 pieces of elastic.**

Bring a leotard, bathing suit, leggings, close fitting knit shorts, a close fitting knit tank top or T-shirt, etc.

Socks (Measurements are taken without shoes on.)

Great fitting bra

Wash off marker. If you do not mind marks on your body: Sharpie FINE POINT Marker

Pencils & Eraser

NEW measuring tape that will go around the largest part of your body

Underarm/Pant Inseam tape measure

An EVERYTHING scissors

Weighted cord

6 inch sewing gauge

Calculator

4 large safety pins

NICE TO HAVE ON HAND: Extra Safety Pins, 3" x 3" Post it notes, Dry line correction tape

2 of 2. Supplies needed for Week 2, and thereafter.

4 GIG (or larger) USB Flash Drive. **Bring to every class !!!!!**

Function Key Strip (3 are attached to this syllabus)

Access to a Staples, Office Depot or Fed Ex

3/4-inch Magic Tape.

Rubber Bands.

Variety of Pens and Pencils.

Set of 4 Colored Sharpie Markers - Ultra-fine point

Paper Scissors

1 – 2 Pattern Hooks

Recommended Text Book

Fairgate Plastic Ruler: 01-128(P) There is also one made by Dritz.

The following are nice to have.....but ONLY if you are going into this as a career.

Item #12-124 Vary Form Curve

Kit #15-102 Fashion Designer's Kit:

L-Square, Hip Curve, Armhole Curve, 18-inch C-Thru Ruler, Booklet.

Patternmaking Tools:

Awl; 1/4" x 1/16" Notcher

Complete Basic Sewing Kit.

One bobbin for a Pfaff 2036, or Bernina 130.

New or fairly new Tape Measure

Broadcloth or Muslin (INEXPENSIVE, non-stretch, solid color, woven)

I KNOW you want me to tell you how much to buy. I always buy by a bolt at a time. I would use your 50% off coupon from Joanne's. I would start off with 8 yards.

Access to a sewing machine

Access to a computer and printer that can see Adobe PDFs and print them.

Non-Matching Thread

Straight Pins

Fabric Shears

Thread Nips or Scissors

Paper Scissors

Scrap Fabric

*****All sewing notions and supplies for final project to be discussed in class*****

Recommended - Computer Patternmaking Text

Custom Patternmaking with Patternmaker Software: A Step by Step Manual for the Professional Studio With an Introduction to Macro Generator by Jennifer K. Smith Less than \$20 Copyright 2011.

ISBN-10: 1463755988

ISBN-13: 978-1463755980

Create Space Independent Publishing Platform (January 18, 2012)

Recommended Text - Patternmaking

The Practical Guide to Patternmaking for Fashion Designers:

Juniors, Misses, and Women by Lori Knowles. More than \$40 Copyright: 2005.

ISBN # 1-56367-328-2

Fairchild Publications

Note: Lori Knowles also published a Patternmaking book for men entitled:

The Practical Guide to Patternmaking for Fashion Designers: Menswear

Check for books on www.Amazon.com

STRONGLY Recommended Print from the 52 Patternmaker PDFs:

PatternMaker Version 7.5 Quick Start Manual. It is 30 pages.

Course Assessment

A student's completion/competency from this course will be based on multiple measures of performance. Assessment will measure the development of independent critical thinking and demonstrable basic patternmaking skills. Final course evaluation of the student's ability will be based on, but not limited to, the following criteria:

1. Completion of a self-evaluation of Course Student Learning Outcomes and evaluate the achievement of said outcomes upon completion of the course.
2. Design a garment on a croqui silhouette drawing that flatters the body proportions of the fit model.
3. Measure a man, woman, child, or dog and convert the measurements into well-fitting patterns using a computer patternmaking program.
4. Employ the principles of computer patternmaking to pattern and problem solve an original design that fits your fit model.
5. Use their newly acquired skill, throughout the course, by completion of assigned project(s).

6. Demonstrate time saving equipment and techniques used in pattern production, such as but not limited to: planning, organizing, and sequencing.
7. Purchase appropriate fabric and findings for a given fashion design to create the finished image desired. In this course, we are making toiles. (In Collections, we are making the final garments, unless you cannot take the Collections class.)
8. Identify skills that are transferable to the career market including but not limited to: research, communication, diplomatic teamwork, and patternmaking competencies.
9. Attendance and punctuality. Missing more than 20% of the course hours will affect learning, grade, and certificate earning ability. **(Total Class Hours: 122.5. 80% = 98 hours.)**

Future Classes and Events:

October 10, 2015: Sew Pro's next LA Fandango Field Trip. 1-858-279-2500. \$50.00

Spring Courses: Sewing Fundamentals and Collections.

May 2016: Mesa's Fashion Show. Yes, we can show in the show !!!!!

Croqui Silhouette in Paint.Net 8-24-2013

Make sure you have the required 4 pictures: front view, left side view, right side view and back view. Each picture should be complete from toe through hair. (Cell phone pictures work well.) Save often to your USB in jpg format.

Select new art board. Landscape Orientation: 11 x 8.5 inches.

Resolution should be 300 – if you know how to do this.

Put the first picture on in the center. Use the side view.

Keep the scale correct...BUT CROP to make pictures long and narrow. Do not lose feet and hair.

Put the first cropped picture on the art board toward the center. Use a side view.

Program will ask you to scale. Keep this even.

Select and import other 3 pictures.

Save with new name.

Make sure the 4 pictures are all the same size: from head to toe. 7 to 8 inches.

The art board, should be canvas size 11 x 8.5.

From left to right, you should have: Front View, Side Views and Back View.

Save croqui picture in jpg format. Print completed picture 2 or 3 times.

Trace around the 4 silhouettes, manually. Now you will have a silhouette of each view: Front, 2 Sides, and

Back on one sheet of paper. Use this as your original Croqui. Put in clear sheet protector.

Photocopy the original and design on your personal croqui. Give the instructor a copy of your croqui. I will PDF and give it for you.

Download FREE Paint.net @ <http://www.getpaint.net/> for use at home.

Fractions to Decimals

Commit to Memory

If you do not have this committed to memory now, you will - by the end of this course.

(There will be a pop quiz.)

$$\mathbf{1/16 \text{ inch} = .0625}$$

$$\mathbf{1/8 \text{ inch} = .125}$$

$$\mathbf{3/16 \text{ inch} = .1875}$$

$$\mathbf{1/4 \text{ inch} = .25}$$

$$\mathbf{5/16 \text{ inch} = .3125}$$

$$\mathbf{3/8 \text{ inch} = .375}$$

$$\mathbf{7/16 \text{ inch} = .4375}$$

$$\mathbf{1/2 \text{ inch} = .5}$$

$$\mathbf{9/16 \text{ inch} = .5625}$$

$$\mathbf{5/8 \text{ inch} = .625}$$

$$\mathbf{11/16 \text{ inch} = .6875}$$

$$\mathbf{3/4 \text{ inch} = .75}$$

$$\mathbf{13/16 \text{ inch} = .8125}$$

$$\mathbf{7/8 \text{ inch} = .875}$$

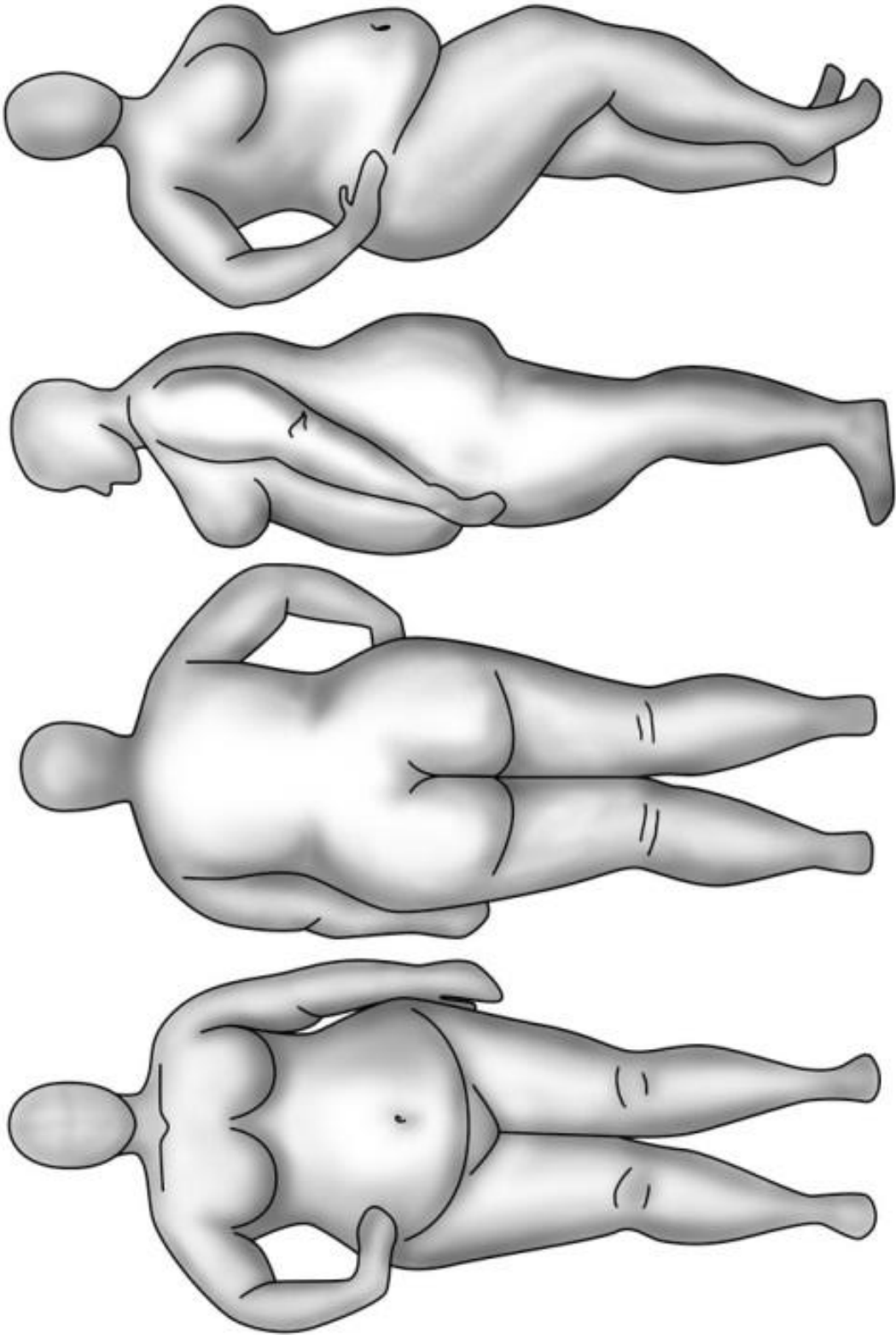
$$\mathbf{15/16 \text{ inch} = .9375}$$

$$\mathbf{1 \text{ inch} = 1.0}$$

$$\mathbf{\text{Good to Know: } 1/32 \text{ inch} = .03125}$$

$$\mathbf{1/64 \text{ inch} = .015625}$$

Generic Croqui with 4 Poses



PatternMaker Software

Quick Guide to general PatternMaker concepts

Select command first, then select object(s) or point(s) to which the command will be applied

Left-click to select things, or to execute a command

Points to move, object to rotate, etc.

Right-click to stop selecting things, or to Cancel

Finish a selection set, or abort a command

Check the status bar to see the current command or most recent command. A command name **appears in purple** if it is active (the current command), and **appears in green** if it is inactive (the most recent command).



Check the command line for information on what the program is expecting you to do

The prompt returns to "Command:" when the previous procedure is completed.

Edit object commands found on the Edit menu

These commands affect entire objects (Move, Rotate, Cut, Erase, etc.)

Edit point commands found on the Point menu

These commands affect individual points (Delete Vertex, Move Vertex, etc.)

Use keyboard to enter precise coordinates

Relative, absolute, polar, or relative polar

Turn on yardage grid to estimate necessary fabric Set fabric width on the "Configure" form on the **Settings** menu.

Use "Print To Single Page" to create reference sheets

Automatically shrinks the entire drawing to fit on one piece of paper. Great for fabric layout diagrams!

Use special print commands to print or re-print specific parts of your pattern

Print Select prints one or more individual pattern pieces; Print Region prints a rectangular area of the drawing.

Read the User's Manual and use the Help file to find answers to your questions.

Patternmaker Control + F Key		Step Off	Snap to Grid	Snap to End Point	Snap to Nearest	Snap to Ortho	Snap to Mtl Point	Snap to Intersect	Snap to Offset	Snap to Meas. Dist.			Yardage Grid On/Off
Pg Up	Zoom Out	Zoom Out	Zoom In	Zoom to Cursor	Grid Points On/Off	Vertice Points On/Off	Select Snap	Grading Arrows - 3 Modes	Digitizer Mouse On/Off	Pan to Mouse	Drag & Drop On/Off	Open Layers Box	Page Grid On/Off
Pg Down	Zoom In	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Home	Z to Mouse												
End	Zoom all												
← ↑ ↓ →	Pan												

Patternmaker Control + F Key		Step Off	Snap to Grid	Snap to End Point	Snap to Nearest	Snap to Ortho	Snap to Mtl Point	Snap to Intersect	Snap to Offset	Snap to Meas. Dist.			Yardage Grid On/Off
Pg Up	Zoom Out	Zoom Out	Zoom In	Zoom to Cursor	Grid Points On/Off	Vertice Points On/Off	Select Snap	Grading Arrows - 3 Modes	Digitizer Mouse On/Off	Pan to Mouse	Drag & Drop On/Off	Open Layers Box	Page Grid On/Off
Pg Down	Zoom In	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Home	Z to Mouse												
End	Zoom all												
← ↑ ↓ →	Pan												

Patternmaker Control + F Key		Step Off	Snap to Grid	Snap to End Point	Snap to Nearest	Snap to Ortho	Snap to Mtl Point	Snap to Intersect	Snap to Offset	Snap to Meas. Dist.			Yardage Grid On/Off
Pg Up	Zoom Out	Zoom Out	Zoom In	Zoom to Cursor	Grid Points On/Off	Vertice Points On/Off	Select Snap	Grading Arrows - 3 Modes	Digitizer Mouse On/Off	Pan to Mouse	Drag & Drop On/Off	Open Layers Box	Page Grid On/Off
Pg Down	Zoom In	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Home	Z to Mouse												
End	Zoom all												
← ↑ ↓ →	Pan												