

Dusty Hope  
[hoped@newschool.edu](mailto:hoped@newschool.edu)

**Faculty Bio:**

Fashion & Product Illustrator, Print & Graphic Designer, Expert on Adobe. Including but not limited to: Design Sketches, Product Renderings, Color Trending. Technical Packages, Merch Boards, Trend Boards, Line Lists, Planograms, Product Decks. Branding, Labels, Cards.

Love: Post-Modern Philosophy, “Laws” of Aesthetics, Writing Truly Madly, Drawing Bodies, Visionary Thinking

**Course Description**

In this course we will focus on the practical and necessary tools used in the design process to ensure clear and effective communication for product development and manufacturing. Working from existing garments, students will be introduced to creating technical packages that contain detailed flat sketches, instructions, garment measurements, construction details, technical notes, and more, while learning how to communicate design ideas clearly and effectively through digital means. Students will also be introduced to the product development process and lifecycle. Students complete the course with examples of technical packages and an understanding of their role in streamlining the manufacturing process.

**Recommended Reading**

Technical Source Book for Designers by Jaeil Lee & Camille Steen

**Materials and Supplies**

Tape Measure, Pins, 24” Clear Ruler

**Assessable Tasks**

Completed Tech Packs for

- Tank Top
- Short Sleeve Shirt
- Midterm Garment
- Ruffle Skirt
- Final Garment

Each Tech Pack to include:

- Garment Page: with Technical Sketch for Garment Front & Back
- Cutters Must: listing all Pattern Cuts
- Spec Sheet: Specs with all Measurements Fully Illustrated & Itemized
- Trim Sheet/Bill of Materials: listing all Fabric, Notions, Trim
- Construction Page: describing order of construction, itemizing all Seams & Machine Stitches, including clean, clear pictures (of seams) with measurements
- (Skirt Only) Artwork for Print: Surface Artwork for Print along with Repeat Size & Breakdown of Colorways

Completed Line Lists, with a page for each garment including Production Header & Rendered Sketches Front & Back, for each of the following:

- Tank Top pitched in 3 colors
- Short Sleeve Shirt pitched in 3 colors
- Midterm Tech Garment & Sketches for Two additional Trend Garments, each pitched in 3 colors
- Ruffle Skirt, pitched in 2 colors and a Print
- Final Tech Garment & Sketches for Two additional Trend Garments, each pitched in 3 colors

**Course Outline**

WEEK 1 F 1/25	<p>Illustrator Review:                  Black Arrow, Drawing with Rectangles, Shift, Alt Center out, Add Points, Minus Points, Curvature, White Arrow, Convert Points. Reflect over CF. Pathfinder Unite. Fill &amp; Stroke. Stroke Panel, Dashed Line. Group. Copy Group.</p> <p>Export for Screens to JPG                  How Upload Online Homework.</p>	Due: No Homework
WEEK 2 F 2/1	<p>Illustrator Review &amp; New Pen, Close, Curvature, White Arrow, Copy Points, Layer Panel. Horizontal Curve, Add</p>	Due: Tank Top Line List, Front & Back – Pitched in 3 colors. Export to Screen & Upload as JPG. Sample Line List ai file online.

	<p>Shading, Unite, Shapebuilder. Offset Path. Delete Path, Clipping Mask.</p> <p>Brushes for: Dble Needle Bottom Cover &amp; Collar Tape.</p> <p>Draw Tank Top Back to Front Add Line List</p> <p><b>SAVE Illustrator Build File on Google Drive</b></p>	<p><b>SAVE ALL CLASS WORKING BUILD FILES, for flats and tech packs, in google drive</b> IF working on school computers – we use all our illustrator and excel files over several weeks.</p>
<p>WEEK 3 F 2/8</p>	<p>Illustrator New &amp; Review Line Control, Clipping Mask, Align &amp; Distribute.</p> <p>Build Tech Pack: Tube Tank Top in Excel</p> <p>Seams Collar: Bound Edges, Clean Finish with Coverstitch. Shoulder Seams: Join &amp; Serge, Tacked Back. Hem: Dble Needle Bottom Coverstitch.</p> <p>Bringing Artwork through Photoshop to Excel due to Excel’s inability to translate Illustrator PDF sketches &amp; still maintain dpi.</p>	<p>Due: Tank Top Tech Pack. Upload as Excel File.</p>
<p>WEEK 4 F 2/15</p>	<p>Illustrator New &amp; Review Adding Ribbing to Shirt, Rotating Pattern, Appearance Panel.</p> <p>Build Short Sleeve Shirt.</p> <p><b>Intro to Midterm</b></p>	<p>Due: Short Sleeve Shirt on Linelist, Front &amp; Back, pitched in 3 colors. Upload as JPG.</p> <p><b>NEXT WEEK BRING IN “Designer T” Short Sleeve Shirt for Approval for Midterm Tech Pack</b></p> <p><b>Bring in Trend Pictures for you to draw 2 additional Garments from Trend Pictures to be Added to Midterm Linelist. BASICS ONLY – no more than 6 cuts.</b></p>
<p>WEEK 5 F 2/22</p>	<p>Review &amp; Approval Midterm Garment for Tech Pack Two additional Trend Garments to Sketch for Midterm Line List</p> <p>Build Tech Pack: Short Sleeve Shirt</p> <p>Seam Armscye: Join &amp; Serge 2N 4 Thread Overlock. Side Seam: Join &amp; Serge 2N-4T OL.</p>	<p>Due: Short Sleeve Tech Pack, Upload as Excel File.</p> <p><b>Bring in “designer T” for MIDTERM TECH PACK</b></p>
<p>WEEK 6 F 3/1</p>	<p>Drawing Garments for Midterm</p> <p>Start Midterm Tech Pack Cutters Must, Trim Sheet Take Pictures of all Seams, Photoshop: Levels Adjust</p>	<p><b>Bring in “designer T” for MIDTERM TECH PACK</b></p> <p><b>Work on Midterm Tech Pack &amp; Drawings</b></p>
<p>WEEK 7 F 3/8</p>	<p>Drawing Garments for Midterm</p> <p>Midterm Tech Pack: Speck Diagrams, Points of Measure, Construction Page</p>	<p>Midterm Tech Pack Due: END OF CLASS WEEK 8 Midterm Line List Due: END OF CLASS WEEK 9</p> <p><b>Bring in “designer T” for MIDTERM TECH PACK</b></p> <p><b>Work on Midterm Tech Pack &amp; Drawings</b> <b>SPECIAL SUNDAY 3/10</b></p>

WEEK 8 F 3/15	Finalize Tech Pack, Upload Midterm Tech Pack as Excel File.	Due: Midterm Line List – in PDF Format Including Tech Garment and Sketches for Two Trend Garments, Front & Back, each pitched in 3 colors.  <b>NEXT WEEK SPRING BREAK</b>
WEEK 9 F 3/29	How to draw Circular Ruffle, Offset Path for Topstitching on Ruffle, Advanced Outlines, Checked Print.  Build Ruffle Skirt	Due: Skirt with Ruffle on Linelist, Front & Back, pitched in 2 colors & 1 Print. Upload as JPG.
WEEK 10 F 4/5	Building Tech Pack Ruffle Skirt Adding Surface Art to Tech Pack.  Side Seams: Edge Stitched & Busted, Hem: Edge Stitched & 1N-Lock, Ruffle Seam: Transparent Taped Ruffle Seam Join & Serge. Lining attached at Waistband through Inner Seam & Stitch in a Ditch.  <b>Intro to Final</b>	Due: Skirt with Ruffle Tech Pack, Upload as Excel File.  <b>NEXT WEEK BRING IN Garment for Final Tech Pack for &amp; Trend Ideas for Two additional Garment Sketches for Final Line List .</b>
WEEK 11 F 4/12	Review & Approval Garment for Final Tech Pack, and Trend Pictures for Two Additional Trend Drawings for Line List  Building Sketch for Pant Pant Inseams: Tailored vs. Jeans.	Due: Pant filled with Pattern on Garment Form. Upload as JPG.  <b>Bring in Garment for FINAL TECH PACK</b>
WEEK 12 F 4/19	Draw Garments for Final  Start Final Tech Pack Cutters Must, Trim Sheet Take Pictures of all Seams, Photoshop: Levels Adjust	<b>Bring in Garment for FINAL TECH PACK</b>
WEEK 13 F 4/26	Draw Garments for Final  Final Tech Pack Spec Diagrams, Points of Measure, Construction Page	<b>Bring in Garment for FINAL TECH PACK</b>  <b>SPECIAL SUNDAY 5/5</b>
WEEK 14 F 5/3	Draw Garments for Final  Final Tech Pack: Construction Page	Due: Final Tech Pack & Line List END OF CLASS NEXT WEEK  <b>Bring in Garment for FINAL TECH PACK</b>
WEEK 15 F 5/10	Finalize Tech Pack & Line List Upload Final.	Have a great Holiday.