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# **PARSONS SCHOOL OF FASHION**

## **ELECTIVE COURSES**

Dean, Burak Cakmak  
Associate Dean, Jason Kass

### **Parsons School of Design**

School of Fashion  
Digital Flats & Specs  
Spring 2019

PSOF 2060A/CRN 4771 / F 12:10-2:50pm UC107  
PSOF 2060C/CRN 4773 / M 9-11:40am UC107

Dusty Hope  
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#### **Faculty Bio:**

Fashion & Product Illustrator, Print & Graphic Designer, Expert on Adobe. Including but not limited to: Prints, Design Sketches & Figures, 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.

#### **Learning Outcomes**

By the successful completion of this course, students will be able to:

1. Evidence COMPETENCY with Adobe Illustrator and ability to draw and fill Technical Flats.
2. Evidence an UNDERSTANDING of design process and development Technical Flats.
3. Evidence ability to COMPETENTLY and effectively communicate technical design information via Excel.
4. Demonstrate UNDERSTANDING of product development communication as a function of the designer's role.
5. Demonstrate COMPETENCY to clearly develop, build and organize Technical Package for Garment.

#### **Recommended Reading**

Technical Source Book for Designers, Latest Edition 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: Specks 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, and Swatches, 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

**Final Grade Caclulation**

Attendance/Participation

Tech Packs are Built in Class

Attendance is **Required**

Missing Classes will result in a Lower Grade 25%

Completed Studio Work/Homework

Consists of Completed Tech Pack

& Individual Line List Pages for following Garments:

Tank Top, Short Sleeve Shirt & Ruffled Skirt 25%

Midterm

Consists of 1 Completed Tech Pack for Pre-Approved

“Basic” Shirt, & Completed Line List for 3 Garments

Including “Basic” Shirt from Tech Pack & 2 Additional

Technical Sketches for Pre-Approved “Designer T Shirts” 25%

Final

Consists of 1 Completed Tech Pack for Pre-Approved

Intermediate Garment, & Completed Line List for

3 Garments Including Intermediate Garment from

Tech Pack & 2 Additional Technical Sketches for

Pre-Approved Garments 25%

**TOTAL**

100%

**Course Outline**

<p>WEEK 1 F 1/25 M 1/28</p>	<p><b>Illustrator Review</b> 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><b>Working with Files</b> Export for Screens to JPG How Upload Online Homework.</p>	<p>Due: No Homework</p>
<p>WEEK 2 F 2/1 M 2/4</p>	<p><b>Illustrator Review &amp; New</b> Pen, Close, Curvature, White Arrow, Copy Points, Layer Panel. Horizontal Curve, Add Shading, Unite, Shapebuilder. Offset Path. Delete Path, Clipping Mask.</p> <p><b>Brushes for:</b> Dble Needle Bottom Cover &amp; Collar Tape.</p> <p><b>Tank Top Build</b> Back to Front <b>Adding to Line List</b></p> <p><i><b>SAVE Illustrator Build File on Google Drive</b></i></p>	<p>Due: Tank Top Line List, Front &amp; Back – Pitched in 3 colors. Export to Screen &amp; Upload as JPG. Sample Line List ai file online.</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 M 2/11</p>	<p><b>Illustrator New &amp; Review</b> Line Control, Clipping Mask, Align &amp; Distribute.</p> <p><b>Tank Top Tech Pack Build</b> in Excel Copying Excel Headers</p> <p><b>Seams</b> Collar: Bound Edges, Clean Finish with Coverstitch. Shoulder Seams: Join &amp; Serge, Tacked Back. Hem: Dble Needle Bottom Coverstitch.</p> <p><b>Working with Images</b> 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 M 2/18</p>	<p><b>Illustrator New &amp; Review</b> Adding Ribbing to Shirt, Rotating Pattern, Appearance Panel.</p> <p><b>Short Sleeve Shirt Build.</b></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 M 2/25</p>	<p><b>Review &amp; Approve</b> Midterm Garment for Tech Pack Two additional Trend Garments to Sketch for Midterm Line List</p> <p><b>Short Sleeve Shirt Tech Pack Build</b></p> <p><b>Seams</b> 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 M 3/4</p>	<p><b>Drawing Garments for Midterm</b></p> <p><b>Start Midterm Tech Pack</b> 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 M 3/11</p>	<p><b>Drawing Garments for Midterm</b></p> <p><b>Midterm Tech Pack</b> Spec 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</b> Friday Class 3/10, Monday Class 3/31 (if necessary)</p>
<p>WEEK 8 F 3/15 M 3/25</p>	<p><b>Finalize Midterm Tech Pack</b> Upload Midterm Tech Pack as Excel File.</p>	<p>Due: Midterm Line List – in PDF Format Including Tech Garment and Sketches for Two Trend Garments, Front &amp; Back, each pitched in 3 colors.</p>

<p>WEEK 9 F 3/29 M 4/1</p>	<p><b>Illustrator New &amp; Review</b> How to draw Circular Ruffle, Offset Path for Topstitching on Ruffle, Advanced Outlines, Checked Print.</p> <p><b>Ruffle Skirt Build</b></p>	<p>Due: Skirt with Ruffle on Linelist, Front &amp; Back, pitched in 2 colors &amp; 1 Print. Upload as JPG.</p>
<p>WEEK 10 F 4/5 M 4/8</p>	<p><b>Ruffle Skirt Tech Pack Build</b> Adding Surface Art to Tech Pack.</p> <p><b>Seams</b> Side Seams: Edge Stitched &amp; Busted, Hem: Edge Stitched &amp; 1N-Lock, Ruffle Seam: Transparent Taped Ruffle Seam Join &amp; Serge. Lining attached at Waistband through Inner Seam &amp; Stitch in a Ditch.</p> <p><b>Intro to Final</b></p>	<p>Due: Skirt with Ruffle Tech Pack, Upload as Excel File.</p> <p><b>NEXT WEEK BRING IN Garment for Final Tech Pack for &amp; Trend Ideas for Two additional Garment Sketches for Final Line List .</b></p>
<p>WEEK 11 F 4/12 M 4/15</p>	<p><b>Review &amp; Approve</b> Garment for Final Tech Pack, and Trend Pictures for Two Additional Trend Drawings for Line List</p> <p><b>Pant Sketch Build</b> Pant Inseams: Tailored vs. Jeans.</p>	<p>Due: Pant filled with Pattern on Garment Form. Upload as JPG.</p> <p><b>Bring in Garment for FINAL TECH PACK</b></p>
<p>WEEK 12 F 4/19 M 4/22</p>	<p><b>Draw Garments for Final</b></p> <p><b>Start Final Tech Pack</b> Cutters Must, Trim Sheet Take Pictures of all Seams, Photoshop: Levels Adjust</p>	<p><b>Bring in Garment for FINAL TECH PACK</b></p>
<p>WEEK 13 F 4/26 M 4/29</p>	<p><b>Draw Garments for Final</b></p> <p><b>Final Tech Pack</b> Speck Diagrams, Points of Measure, Construction Page</p>	<p><b>Bring in Garment for FINAL TECH PACK</b></p> <p><b>SPECIAL SUNDAY</b> F 5/5 M 5/12</p>
<p>WEEK 14 F 5/3 M 5/6</p>	<p><b>Draw Garments for Final</b></p> <p><b>Final Tech Pack</b> Construction Page</p>	<p>Due: Final Tech Pack &amp; Line List END OF CLASS NEXT WEEK</p> <p><b>Bring in Garment for FINAL TECH PACK</b></p>

WEEK 15 F 5/10 M 5/15	<b>Finalize Tech Pack &amp; Line List</b> Upload Final.	Have a great Summer.

**Resources**

The university provides many resources to help students achieve academic and artistic excellence. These resources include:

- The University (and associated) Libraries: <http://library.newschool.edu>
  - Subject Librarian, Fashion Design/Fashion Studies/Textiles: <http://guides.library.newschool.edu/fashion>
  - Subject Librarian, Fashion Marketing/Business/Entrepreneurship: [http://guides.library.newschool.edu/prf.php?account\\_id=121013](http://guides.library.newschool.edu/prf.php?account_id=121013)
- The University Learning Center: <http://www.newschool.edu/learning-center>
- University Disabilities Service: [www.newschool.edu/student-disability-services/](http://www.newschool.edu/student-disability-services/)

In keeping with the university’s policy of providing equal access for students with disabilities, any student with a disability who needs academic accommodations is welcome to meet with me privately. All conversations will be kept confidential. Students requesting any accommodations will also need to contact Student Disability Service (SDS). SDS will conduct an intake and, if appropriate, the Director will provide an academic accommodation notification letter for you to bring to me. At that point, I will review the letter with you and discuss these accommodations in relation to this course.