

DIGITAL FLATS AND SPECS - Fall 2018

Parsons School of Design School of Fashion

Digital Flats & Specs PSOF 2060D CRN 5326

7-9:40pm PM Monday Arnold Hall, 55 West 13th Rm 805

Digital Flats & Specs PSOF 2060C CRN 5325

9-11:40 AM Wednesday 6 East 16th St. Rm 602

Professor: Dusty Hope, hoped@newschool.edu, dustyhope.com/school

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.

Course Outline

WEEK 1	M 8/27 W 8/29	<p>Illust 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 & Stroke. Stroke Panel, Dashed Line. Group. Copy Group.</p> <p>Export for Screens to JPG How Upload Online Homework.</p>	<p>Due: No Homework</p> <p>REQUIRED for this class: MEASURING TAPE</p> <p>Monday Evening Class off next two weeks for Labor Day & Rosh Hashanah</p>
WEEK 2	M 9/17 W 9/5	<p>Review Illustrator Week 2 Pen, Close, Curvature, White Arrow, Copy Points, Layer Panel. Horizontal Curve, Add Shading, Unite, Shapebuilder.</p> <p>Brushes: Cover Stitch, Dble Needle Collar Tape, Offset Path. Delete Path, Clipping Mask.</p> <p>Draw Tank Top Back to Front on Garment Form. Export JPG SAVE Illustrator File on Google Drive</p>	<p>Due: Tank Top filled on Garment Form, Front & Back. Upload as JPG.</p> <p>SAVE ALL CLASS WORKING BUILD FILES, for flats and tech packs, in google drive IF working on school computers – we use all illustrator and excel files over several weeks.</p>
WEEK 3	M 9/24 W 9/12	<p>Review Illustrator Week 3 Line Control, Clipping Mask, Align & Distribute.</p> <p>Points of Measure Tank Top Spec Tank Top</p>	<p>Due: Tank Top Tech Pack. Upload as Excel File.</p> <p>Wednesday Morning Class off 10/19 for Yom Kippur</p>

		<p>Tank Top Seam Library: Bound Edges, Clean Finish & Coverstitch. Shoulder Seams: Join & Serge, Tacked. Hem: Dble Needle Bottom Coverstitch. Seam Tolerance.</p> <p>Building a Tech Pack: Uniglo Tube Tank Top</p>	
WEEK 4	M 10/1 W 9/26	<p>R Review Illustrator Week 4 Clipping Mask & Shapebuilder, Adding Ribbing to Shirt, Rotating Pattern, Appearance Panel.</p> <p>Draw: Short Sleeve Shirt: Save on Google Drive.</p> <p>Intro to Midterm</p>	<p>Due: Short Sleeve Shirt filled on Garment Form, Front & Back. Upload as JPG.</p> <p>NEXT WEEK BRING IN “Designer T” Short Sleeve Shirt for Approval for Midterm Tech Pack</p> <p>Bring in Trend Pictures for 2 Trended Garments to be Added to Midterm Linelist. BASICS ONLY – no more than 6 cuts.</p>
WEEK 5	M 10/8 W 10/3	<p>Review & Approval Midterm Garment & Trend Garments for Midterm</p> <p>Points of Measure Short Sleeve Shirt Spec Short Sleeve Shirt, Seam Tolerance Seam Library: Armscye: Join & Serge 2N 4Thread Overlock. Side Seam: Join & Serge 2N-4T OL.</p> <p>Building Tech Pack: Short Sleeve Shirt</p>	<p>Due: Short Sleeve Tech Pack, Upload as Excel File.</p> <p>Bring in “designer T” for MIDTERM TECH PACK</p>
WEEK 6	M 10/15 W 10/10	<p>Drawing Garments for Midterm Build Seam Library for Midterm – Take Pictures of all Seams, Seam Tolerance, Photoshop: Levels Adjust</p> <p>Points of Measure for Midterm Measurement for Raglan Sleeves</p>	<p>Bring in “designer T” for MIDTERM TECH PACK</p>
WEEK 7	M 10/22 W 10/17	<p>Drawing Garments for Midterm Spec Shirt Midterm Build Tech Pack for Midterm Work on Trend Drawings</p>	<p>Due: Midterm END OF CLASS WEEK 8</p>

		<p>Copy Head of Tech Pack from Excel to Linelist in Illustrator, Alignment & Distribution</p> <p>Discussion Linelist, Set up Linelist – linelists include for each garment: Front & Back, and at least 2 Colorways each Garment</p>	<p>Bring in “designer T” for MIDTERM TECH PACK</p> <p>SPECIAL SUNDAY 10/21 Wednesday Morning Class 10/28 Monday Night Class</p>
WEEK 8	M 10/29 W 10/24	<p>Finalize Tech Pack, Finalize Linelist, Finalize Trend Drawings. Save as Copy PDF.</p> <p>Upload Midterm Tech Pack.</p>	<p>Due: Midterm Linelist – in PDF Format Front & Back, 2 colorways each garment.</p>
WEEK 9	M 11/5 W 10/31	<p>How to draw Circular Ruffle, Offset Path for Topstitching on Ruffle, Advanced Outlines.</p> <p>Draw Skirt with Bottom Circular Ruffle & Waistband</p> <p>Save on Google Drive</p>	<p>Due:</p> <p>Skirt with Ruffle on Garment Form, Front & Back</p>
WEEK 10	M 11/10 W 11/7	<p>Points of Measure Lined Ruffle Skirt Speck Ruffle Skirt</p> <p>Building Tech Pack Ruffle Skirt: Side Seams Edge Stitched & Busted, Hem Edge Stitched & 1N-Lock, Transparent Tape Ruffle Seam Join & Serge, Lining attached at Waistband through Inner Seam & Stitch in a Ditch, Ruffle Skirt with Lining</p> <p>Intro Final</p>	<p>Due: Skirt with Ruffle Tech Pack</p> <p>NEXT WEEK BRING IN Garment for Approval for Final & Ideas for Final Mini Collection –</p> <p>Bring in Trend Pictures for 2 Trended Garments to be Added to Final Linelist.</p>
WEEK 11	M 11/19 W 11/14	<p>Review & Approval Garment for Final Tech Pack</p> <p>Pattern Options in Illustrator Make Pattern no more than 5 colors Draw Pant with Print.</p> <p>Points of Measure Pant.</p>	<p>Due: Pant filled with Pattern on Garment Form. Upload as JPG.</p> <p>Bring in Garment for Final TECH PACK</p>

		<p>Pant Inseams: how are they sewn? Tailored vs. Jeans.</p> <p>Adding Surface Art to Tech Pack.</p>	
WEEK 12	M 11/26 T 11/20	<p>Draw Garments for Final Drawing Long Sleeves, Collars, Cuffs, Pleats.</p> <p>Diagramming Pleats in Tech Pack, Callouts</p> <p>Seam Library for Final Garment, Take Pictures, Seam Tolerance.</p>	<p>Bring in Garment for Final TECH PACK</p> <p>Wednesday Class MEETS ON TUESDAY MORNING AT 9 AM because of Thanksgiving</p>
WEEK 13	M 12/3 W 11/28	<p>Points of Measure Final Garment Spec Garment for Final</p> <p>Adding Buttons, Button Holes, Plackets, Exposed Zipper, Pockets, Shirt Yokes Safety Stitch, Blind Stitch</p>	<p>Bring in Garment for Final TECH PACK</p>
WEEK 14	M 12/10 W 12/5	<p>Final Workshop Final Tech Pack Trend Garments</p>	<p>Due:</p> <p>Bring in Garment for Final TECH PACK</p> <p>Final Tech Pack & Linelist in Illustrator – Front, Back, at least 2 colorways each garment, END OF CLASS NEXT WEEK</p> <p>SPECIAL SUNDAY 12/9</p>
WEEK 15	M 12/17 W 12/12	<p>Bring in Garment for Final TECH PACK</p> <p>Finalize Tech Pack & Linelist. Upload Final.</p>	<p>Have a great Holiday.</p>

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.

Final Grade Calculation

Attendance/Participation	25%
Homeworks	25%
Midterm	25%
Final	25%
TOTAL	100%

Recommended

Technical Source Book for Designers by Jaeil Lee & Camille Steen

Materials and Supplies

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

Grading Standards

A [4.0; 96–100%]

Work of exceptional quality, which often goes beyond the stated goals of the course

A- [3.7; 91–95%]

Work of very high quality

B+ [3.3; 86–90%]

Work of high quality that indicates substantially higher than average abilities

B [3.0; 81–85%]

Very good work that satisfies the goals of the course

B- [2.7; 76–80%]

Good work

C+ [2.3; 71–75%]

Above-average work

C [2.0; 66–70%]

Average work that indicates an understanding of the course material; passable

Satisfactory completion of a course is considered to be a grade of C or higher.

C- [1.7; 61–65%]

Passing work but below good academic standing

D [1.0; 46–60%]

Below-average work that indicates a student does not fully understand the assignments;

Probation level though passing for credit

F [0.0; 0–45%]

Failure, no credit

Grade of W The grade of W may be issued by the Office of the Registrar to a student who officially withdraws from a course within the applicable deadline. There is no academic penalty, but the grade will appear on the student transcript. A grade of W may also be issued by an instructor to a graduate student (except at Parsons and Mannes) who has not completed course requirements nor arranged for an Incomplete.

Grade of Z The grade of Z is issued by an instructor to a student who has not attended or not completed all required work in a course but did not officially withdraw before the withdrawal deadline. It differs from an “F,” which would indicate that the student technically completed requirements but that the level of work did not qualify for a passing grade.

Grades of Incomplete The grade of I, or temporary incomplete, may be granted to a student under unusual and extenuating circumstances, such as when the student’s academic life is interrupted by a medical or personal emergency. This mark is not given automatically but only upon the student’s request and at the discretion of the instructor. A Request for Incomplete form must be completed and signed by student and instructor. The time allowed for completion of the work and removal of the “I” mark will be set by the instructor with the following limitations: [You should include one the following standards, depending on the level of your course].

Undergraduate students: Work must be completed no later than the seventh week of the following fall semester for spring or summer term incompletes and no later than the seventh week of the following spring semester for fall term incompletes. Grades of “I” not revised in the prescribed time will be recorded as a final grade of “WF” by the Office of the Registrar.

Divisional, Program and Class Policies

- Responsibility

Students are responsible for all assignments, even if they are absent. Late assignments, failure to complete the assignments for class discussion and/or critique, and lack of preparedness for in-class discussions, presentations and/or critiques will jeopardize your successful completion of this course.

- Participation

Class participation is an essential part of class and includes: keeping up with reading, assignments, projects, contributing meaningfully to class discussions, active participation in group work, and coming to class regularly and on time.

- Attendance

Parsons’ attendance guidelines were developed to encourage students’ success in all aspects of their academic programs. Full participation is essential to the successful completion of coursework and enhances the quality of the educational experience for all, particularly in courses where group work is integral; thus, Parsons promotes high levels of attendance. Students are expected to attend classes regularly and promptly and in compliance with the standards stated in this course syllabus.

While attendance is just one aspect of active participation, absence from a significant portion of class time may prevent the successful attainment of course objectives. A significant portion of class time is generally defined as the equivalent of three weeks, or 20%, of class time. Lateness or early departure from class may be recorded as one full absence. Students may be asked to withdraw from a course if habitual absenteeism or tardiness has a negative impact on the class environment.

Whether the course is a lecture, seminar or studio, faculty will assess each student’s performance against all of the assessment criteria in determining the student’s final grade.

- Canvas

Use of Canvas may be an important resource for this class. Students should check it for announcements before coming to class each week.

- Delays

In rare instances, I may be delayed arriving to class. If I have not arrived by the time class is scheduled to start, you must wait a minimum of thirty minutes for my arrival. In the event that I will miss class entirely, a sign will be posted at the classroom indicating your assignment for the next class meeting.

- Electronic Devices

The use of electronic devices (phones, tablets, laptops, cameras, etc.) is permitted when the device is being used in relation to the course's work. All other uses are prohibited in the classroom and devices should be turned off before class starts.

- Academic Honesty and Integrity

The New School views “academic honesty and integrity” as the duty of every member of an academic community to claim authorship for his or her own work and only for that work, and to recognize the contributions of others accurately and completely. This obligation is fundamental to the integrity of intellectual debate, and creative and academic pursuits. Academic honesty and integrity includes accurate use of quotations, as well as appropriate and explicit citation of sources in instances of paraphrasing and describing ideas, or reporting on research findings or any aspect of the work of others (including that of faculty members and other students). Academic dishonesty results from infractions of this “accurate use”. The standards of academic honesty and integrity, and citation of sources, apply to all forms of academic work, including submissions of drafts of final papers or projects. All members of the University community are expected to conduct themselves in accord with the standards of academic honesty and integrity. Please see the complete policy in the Parsons Catalog.

It is the responsibility of students to learn the procedures specific to their discipline for correctly and appropriately differentiating their own work from that of others. Compromising your academic integrity may lead to serious consequences, including (but not limited to) one or more of the following: failure of the assignment, failure of the course, academic warning, disciplinary probation, suspension from the university, or dismissal from the university.

- Student Disability Services (SDS)

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 meet with Jason Luchs in the Office of Student Disability Services, who will conduct an intake, and if appropriate, provide an academic accommodation notification letter to you to bring to me. SDS assists students with disabilities in need of academic and programmatic accommodations as required by the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Federal Rehabilitation Act of 1973. <http://www.newschool.edu/studentsservices/disability/>.