

ACTIVEWEAR - AD313 - 2016

Instructor:	e-mail:
	Term:
Voice mail:	Total class hours: 18
Office hours:	Class meets:

Course description: Students apply technical knowledge to the development of activewear coordinate designs using 4-way stretch knits and specialty fabrics. This course includes, pattern fit and alteration to achieve a perfected final sample. Garments include top (such as sports bra), bottoms (such as leggings), jacket.

Course objectives: Upon successful completion of course, students will know how to:

- Plan use of time for the best level of productivity and document as for a billing situation.
- Research, design, document and develop designs according to the needs of a particular client or market segment.
- Revise designs based on information gained from prototypes and critiques.
- Work with technical fabrics making the most of the characteristics of each fabric.
- Adjust flat pattern and draping techniques to allow for the stretch ratio of two-way and four-way stretch.
- Competently use the machinery required in the construction of stretch and technical fabrics.
- Construct garments that combine stretch, technical and stable fabrics.
- Participate in the group evaluation process in an open and productive manner.

Competencies being assessed. At the end of the course, a student will know how to:

- Manufacture a given garment using correct construction techniques from first cut to final closure so the garment is ready for sale
- Spot issues and know multiple ways to correct them according to fabric and cost.
- Write design briefs that show understanding of how business concepts such as brand and cost apply to apparel design.

Prerequisite: Knits (AD217)

Class format: Class time is divided between lecture/demo and supervised workshop time.

Recommended text: *Sewing Activewear*, Creative Publishing (2010). Students will use additional reference materials distributed by instructor during class.

Required supplemental materials: Sewing and patternmaking tools should be brought to all classes. Cost of fabric and findings may range from \$50-\$100 depending on yardage requirement and price.

- Stretch needles Schmetz size 11/75
- Universal needles Schmetz 80/12
- Twin needles - Schmetz 2.5 and 4.0
- Matching thread:
- 2 spools all purpose 100% polyester
- 3 cones serger thread
- Woolly nylon
- Glass head pins 1-3/8"
- Fabric weights
- Sewer's Aid
- Seam sealant
- 1/4" wide lite fusible web

Standards of conduct: Complete and on-time attendance is mandatory.

- **No student can miss three or more classes and expect to pass this class.**
- Attendance is at the beginning of each class period. If you are late, you will lose half the attendance points for the day. If you arrive late, it is your responsibility to make sure you have been counted present. If you arrive more than 15 minutes after the beginning of a part of the class period, you will be counted absent for that part of the period.
- If you are absent, you lose the attendance points for that day. If you know ahead of time that you will not be in class, make arrangement with the instructor the night *before* class (by 10 p.m. and by telephone).
- It is the student's responsibility to keep track of assignments and turn them in on time should the students miss the class or arrive late.
- Professionalism means: Turn off your cell phone. Attend the full class. Focus and follow-through during classroom work. Have respect and work well with classmates. Use the same behavior in the classroom as you would on the job in the apparel industry.
- Late work will result in a one letter grade deduction.

Labeling Policy: All student work must be turned in with the following information: Name, Course Name/Number, Instructor, Term/Date, Project/Assignment, Contact Info (phone or e-mail). Work may not be accepted for full credit without the required information. PFI cannot guarantee the return of student work that is not labeled with the required information.

Incomplete: A student who, due to medical or other exceptional causes, cannot complete the required class work must document his/her situation and submit a written request for an incomplete grade to be entered. The instructor, the academic advisor and director must approve the grade and assign a time line for the work to be completed. Incompletes must be requested and approved no later than the end of the quarter for which the incomplete is requested. To remove an incomplete, a student must complete the required course work before the next quarter commences. If a student does not comply within the time line or does not complete the work, an "F" grade, or the grade calculated by the instructor on the incomplete form, will be entered to replace the incomplete.

To initiate a request for an incomplete grade, the student must fill out an incomplete form and submit it to his/her instructor. The instructor will obtain the required signatures and submit the completed form with final grades.

Withdrawal (W/WF): The student who withdraws from a course or from the program during the first six weeks of the quarter will be assigned a "W" code for each course. The "W" code is not used in computation of the student's grade point average; however, "W" credits are counted toward total credits attempted. The student who withdraws from a course or from the program after the ninth week of the quarter will be assigned a "WF" code for each course. The "WF" code is the equivalent of a grade of "F" and is used in computing the student's grade point average.

Students wishing to withdraw from PFI must file an official status change form with the Academic Advisor.

Last day to withdraw from the class is 48 hours before class starts.

Lab Policies: Leave food and drink outside the classroom. Disciplinary action will be taken toward any student found using the equipment in an inappropriate manner. Disruptive, disrespectful, rude behavior is not tolerated.

Plagiarism: Presenting the writings, images or paraphrased ideas of another as one's own, is strictly prohibited. Properly documented excerpts from other's works, when they are limited to an appropriate amount of the total length of a student's paper, are permissible when used to support a researched argument.

Attendance Policy: Students who are absent from all scheduled classes over a 14-day period (2 weeks) are subject to automatic attendance suspension—from PFI, not just from this course. This means the student is administratively withdrawn from all courses and cannot attend classes or continue in the current quarter unless he/she successfully appeals for reinstatement. Students who anticipate violating the attendance policy should contact the academic advisor immediately to discuss options such as withdrawing from PFI or navigating the appeals process.

Picking up Work: Please pick up your work no later than the first Friday of the following quarter. If you cannot retrieve your work by this date please make arrangements with me. All work not picked up by this date will be recycled.

Students with Disabilities: It is PFI policy not to discriminate against qualified students with a documented disability in its educational programs, activities or services. If you have a disability-related need for adjustments contact the academic advisor.

Evaluation:

Attendance/Professionalism/Participation	10 %
Final review	20 %
Concept paper	10 %
Prototype garments	20 %
Final garments	30%
Presentation board with spec pkg	10 %
TOTAL	100 %

Grade Scale

Letter	Number	Rating
A	95-100	Excellent
A-	90-94	
B+	87-89	Good
B	83-86	
B-	80-82	
C+	77-79	Satisfactory
C	73-76	Fair
C-	70-72	
D+	67-69	Marginal
D	62-66	
F	<62	Failure

COURSE CALENDAR

This syllabus is subject to change at the instructor's discretion.

WEEK/DATE	TOPIC	ACTIVITY	ASSIGNMENTS
1/	Introductions. Goals and Objectives Elements of and notions for knitwear.	Bring supplies to every class. LECTURE: <ul style="list-style-type: none"> • Elements of well-fitting activewear. • Tools and jargon. • Stretch ratios. • Appropriate choices in activewear fabric, SEW Samples: <ul style="list-style-type: none"> • Zigzag stitch: seams & hems • Double stitch: seams & hems • Overlock seams • Overlapped seams • Flatlocked seams • Ribbed cuffs 	Prepare jacket pattern for fitting. Shop for fabric, findings. Reading: <i>Chapter 1</i>

2/	Fitting and cutting. Flat construction. Raglan sleeved jackets	LECTURE: <ul style="list-style-type: none"> • Fitting activewear jackets • Layout and cutting DEMO: <ul style="list-style-type: none"> • Fittings, pattern alterations, zippers CUT and SEW <ul style="list-style-type: none"> • Jacket pieces • Sew details for front & back (zippers, pockets, sleeves) 	Start jackets. Reading: <i>Chapter 2</i>
3/	Continue jacket	LECTURE & DEMO <ul style="list-style-type: none"> • Finishing for price points on necklines, hoods. IN CLASS WORK: <ul style="list-style-type: none"> - Sew neckline hoods 	Continue work on jacket. Prepare pants pattern for fitting. Shop for fabric, findings Reading: Chap. 3
4/	Finish jacket. Prepare, cut and sew pants	LECTURE & DEMO <ul style="list-style-type: none"> • Waistlines and seams for activewear pants. IN CLASS WORK: <ul style="list-style-type: none"> - Finish edges and hems. - Choose and fit pants pattern - Sew and fabric fit pants 	Finish jacket and pants. Prepare top pattern for fitting. Shop for fabric, findings Reading: Chap. 4
5/	Finish pants. Prepare, cut and sew sports top.	LECTURE & DEMO <ul style="list-style-type: none"> • Finishes and details for sports tops. IN CLASS WORK <ul style="list-style-type: none"> - Choose and fit pants pattern - Sew and fabric fit sports top 	Continue work on sports top
6/	Finish sports top	IN CLASS WORK: <ul style="list-style-type: none"> -Finish sports top. -Organize notebooks, projects FINAL REVIEW	Notebooks, projects due at end of class