

AD419 -- SWIMWEAR

Instructor:	e-mail:
	Term:
Voice mail:	Total class hours: 36
Office hours:	Class meets:

Course description: Students will produce four swimsuits: one-piece, two-piece, maillot, competition.

Course objectives: Upon completion of the class, students will know:

- Steps in taking a 4-way stretch garments from concept to completion
- Construction techniques used in working with 4-way stretch swimwear, including production methods.
- Infrastructure and details for proper fit of negative-ease garments.

Competencies being assessed:

- Assess tools offered for construction techniques and match the right tool to the construction technique.
- Manufacture any given garment using correct construction techniques from first cut to final closure so the garment is ready for sale.
- Write design briefs that show understanding of how business concepts such as brand and cost apply to apparel design.

Class format: Class sessions are workshops that all students are required to attend on time. Each class begins with a check-in where students show their work log, completed samples and progress on their garments. Students will work individually to develop their own designs and with the instructor's supervision to design, illustrate, create patterns and construct the final garment. Students are expected to keep pace with class assignments so that all students are working on current assignments. This means work outside of the classroom. Class sessions include lecture, demonstration, critiques and workshop time.

Prerequisites: Activewear (AD313)

Required text: *Making Beautiful Swimwear*; Burgess, Lee-Ann; Taunton Press; 2013

Required supplemental materials:

- Patternmaking tools

- Seam ripper
- Seam gauge
- Tape measure
- Extra serger needles (size 80/12)
- Serger tweezers
- ¼" washaway wonder tape
- Small scissors or nippers
- Seam sealant
- 2 yds swimwear fabric; 2 yds lining
- Optional: spray baste, glue stick

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 %
Concept board. Design sketches	5 %
Prototypes	20 %
Pattern development, final patterns	10 %
Final garments	40 %
Presentation board	5%
Costing. Production summary.	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. Terminology. Process.	Bring supplies to every class. LECTURE: Discuss swimwear elements, fit and construction parameters. Research materials.	Complete design brief: Your name Career hopes Classes taken Project(s) you have in mind

	Goals and Objectives.	IN CLASS RESEARCH: History of the swimsuit; Jantzen, Popina Market research Design brief	Fit model you would use Fabric choices Technique choices
2/	Design considerations	PRESENTATIONS & CRITIQUE Concept paper, fabrics, cost projections LECTURE Comparison of swimwear techniques IN CLASS WORK: Basic stitches Develop garments based on critique	Finish final sketches for four projects. <i>Reading: Chap. 1</i>
3/	BOM: Fabric & findings	LECTURE: Infrastructure, linings. IN CLASS WORK: Review flats. Discuss proto and final fabric choices. Start work on patterns through flat pattern.	Develop garment by flat pattern <i>Reading: Chap. 2</i>
4/	Pattern garment; Construction techniques	CRITIQUE Patterns LECTURE & DEMO Tweaking patterns for negative ease. IN CLASS WORK: Finish pattern. Cut and sew 1-piece proto.	Update BOM. Sew 1-piece prototype. <i>Reading: Chap. 3</i>
5/	Proto fit and alteration; Garment assembly	CRITIQUE 1-piece prototype. IN CLASS WORK: Alter prototype per fit changes. Cut fabric, lining Sew 1-piece suit	Finish 1-piece suit. Organize samples in notebook. <i>Reading: Chap. 4</i>
6/	Proto fit and alteration; Garment assembly	LECTURE & DEMO: 2-piece suits. IN CLASS WORK: Cut 2-piece proto.	Sew 2-piece prototype <i>Reading: Chap. 5</i>
7/	Proto fit and alteration; Garment assembly	CRITIQUE 2-piece prototype. IN CLASS WORK: Alter prototype per fit changes. Cut fabric, lining Sew 2-piece suit	Finish 2-piece suit. <i>Reading: Chap. 6</i>
8/	Proto fit and alteration; Garment assembly	LECTURE & DEMO: Vintage details for swimsuits. IN CLASS WORK: Cut maillot proto.	Sew maillot prototype. <i>Reading: View DVD on trims</i>
9/	Proto fit and alteration; Garment assembly	CRITIQUE 2-piece prototype. IN CLASS WORK: Alter prototype per fit changes. Cut fabric, lining Sew maillot suit	Finish maillot suit. <i>Reading: Chap. 5</i>
10/	Proto fit and alteration; Garment assembly	LECTURE & DEMO: Details for competition swimsuits. Factory production techniques for swimsuits. IN CLASS WORK: Cut competition proto.	Sew competition prototype.
11/	Proto fit and alteration; Garment assembly.	CRITIQUE Competition prototype. IN CLASS WORK: Alter prototype per fit changes. Cut fabric, lining	Finish competition suit. Finish presentation board, cost sheet, production summary. Clean up patterns. Add these to

	Cost sheets & client summary	Sew competition suit Create cost sheet with client summary. Work on presentation board.	notebook.
12/	Final project critique	PRESENTATIONS: Final project critique with garments, all patterns and spec packages	Notebook, garments, cost sheets, presentation board, production summary due at end of class