



**FACS 3330 Patternmaking and Apparel Production  
Fall 2017**

**College of Health Sciences, Department of Family & Consumer Sciences**

- Instructor:** Janis H. White, Ph.D., CFCS  
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- Office Hours:** Monday, Wednesday: 11:00 – 12:00  
Tuesday, Thursday: 1:00 – 2:00  
Friday: 9:00 – 10:00  
Other times by appointment.
- Day and Time Class Meets:** Lecture: 10:00-10:50, Monday and Wednesday  
Lab: 1:00-2:50 Monday OR Wednesday
- Location of Class:** Lecture: Rm 302, Margaret Lea Houston Building  
Lab: Rm 303, Margaret Lea Houston Building
- Textbooks:** Keiser, Sandra J., and Garner, Myrna B. *Beyond Design: The Synergy of Apparel Product Development*, 3<sup>rd</sup> Ed., Fairchild Books: New York, 2012. **(Required)**  
Joseph-Armstrong, Helen. *Patternmaking for Fashion Design*, 5<sup>th</sup> Ed., Prentice Hall: Upper Saddle River, New Jersey, 2010. **(Recommended)**
- Supplies:**
- \* 2 pieces of mat or foam core board (colors to be chosen according to trend/collection development) – 20" x 30" in size
  - \* French curve or dressmaker's ruler
  - \* Blue, purple, green, black and red pencils or markers (all colors in one medium)
  - \* Mechanical pencils, erasers
  - \* Scissors for cutting paper
  - \* 3 pieces white poster board (large size; these will be used to make slopers)
  - \* 4 yards unbleached muslin (will vary according to specific garment style to be designed and constructed)
  - \* Various fashion magazines, fabrics, trimmings, letterings, etc. to enhance trend and collection boards
  - \* Fabric to construct fashion garment, along with findings (notions and trims)
  - \* Schmetz Microtex (Sharp) machine needles, size 80/12 (at least 1 package of 5)
  - \* Bernina bobbins (at least 2)
  - \* Tape for your own station
- Other basic sewing supplies are available in the red tool boxes in the clothing lab!**

**Course Description:** Industry techniques in the construction and fit of garments from original designs will be the focus of this course. Students develop skills in use of apparel production equipment. Basic theory regarding clothing needs and selection practices of different groups of consumers is examined. Theory of pattern design, including flat pattern and pivot methods, is also studied. The course is structured so that students will produce their own apparel design. Emphasis is given to apparel analysis as well as to general issues affecting the fashion industry. This course will include a combination of lecture, demonstration, visual media presentation, and student design of a sportswear collection as well as construction of industry standard slopers and garments in a laboratory setting. Students will produce a trend board as well as a sportswear collection board, using a variety of media techniques. Superior construction techniques for garment construction will be emphasized. Prerequisites: FACS 1330, FACS 1360 and FACS 2369.

**Course Objectives:**

Upon completion of this course, the student should be able to:

1. determine individual needs regarding clothing selection based on age, lifestyle, career concerns, special needs, and social/cultural factors.
2. analyze movement in fashion trends, along with terminology and equipment in common use.
3. demonstrate an understanding of design and pattern making.
4. demonstrate the ability to use pattern drafting equipment and create flat patterns for original designs.
5. demonstrate an appreciation for superior techniques in designing, constructing, and analyzing apparel.
6. apply course material to decision-making and problem-solving in patternmaking and apparel production.
7. identify current issues and concerns affecting the apparel industry.
8. develop the skills, competencies, and points of view appropriate for professionals in apparel production specific to fields of education, fashion merchandising, garment design and apparel production.

**Course Format:**

Face-to-face, laboratory complements lecture

**Course Content:**

The role of product development  
Consumer markets  
Trend forecasting  
Garment styling I  
Line development  
Pattern development  
Sizing and fit  
Quality specifications  
Business planning  
International issues  
Labor issues  
Legal issues

## Course Requirements:

Class attendance policy: Regular and punctual attendance is expected. Each student is allowed three absences (for a 1-hr lecture class) during the semester before there is an effect on the class participation grade. For each absence beyond the first three, five points will be deducted from the Participation Grade (see “Grading Plan” section below). It is recommended that you save these allowed absences for possible illnesses, funerals, etc. Three “tardies” constitute one absence. One absence **from lab** will not be penalized, although the student is expected to make up the work; for each absence beyond one, there will be a loss of two points from the final grade at the end of the semester. Distinction between non-emergency and emergency absences: included in this link is the Absence Notification Request Form: <http://www.shsu.edu/dept/dean-of-students/absence.html>

## Assignments:

For each assignment given below, detailed instructions will be given in class and on assignment sheets posted to Blackboard.

Trend Board: You will choose a recognized trend from Fall 2017 or Spring 2018 and craft it into a trend board. This will be a 20" x 30" mat board on which this trend is clearly illustrated, using graphic images from magazines and/or websites and enhanced with fabrics, trims, etc. Graded on neatness, creativity, and how clearly the trend is illustrated.

Sportswear Collection Board: A 20" x 30" mat board on which the nine required garments are illustrated along with fabrics, trims, findings, etc. Graded on neatness, creativity, and marketability of the collection.

Set of Slopers: A five-piece set of industry size 8 slopers that correspond to industry standards. They are to be transferred onto poster board paper. Graded on neatness, completeness, and accuracy.

Full-Size Pattern: Using flat pattern techniques, and incorporating changes as necessary to accommodate the design, full-size pattern pieces are to be drafted. Graded on neatness, completeness, accuracy, use of the color code provided in class, appropriate labeling of the pieces and markings on the pieces.

Final Completed Garment: This final project should look as though a garment from the collection board “came to life,” complete with facings and hems, findings and trim, and in a fabric that was included as part of the sportswear collection board. Graded on neatness, appropriate use of high-quality construction techniques, fit on the size 8 dress form, appropriate use of flat-pattern techniques, and resemblance to the item in the sportswear collection that served as a beginning point for the design.

## Course Evaluation:

Trend board	100 points	Grad. Scale: 90 - 100% (min. 720 pts) = A
Collection board:	150 points	80 – 89% (min. 640 pts) = B
Lab check points	50 points	70 – 79% (min. 560 pts) = C
Basic set of industry slopers	50 points	60 – 69% (min. 480 pts) = D
Full-size pattern:	50 points	0 – 59% (max. 479 pts) = F
Full-size muslin:	50 points	

Completed fashion garment	100 points
Mid-term examination	100 points
Final examination	100 points
Class participation & attendance	<u>50 points</u>
Total possible points	800 points

Both exams, including the final, will consist of 40-50 objective questions that will be graded via Scantron. The Scantron form answer will be the answer that is graded. The mid-term exam will include a practical section on patternmaking.

There will be one make-up exam at the end of the semester at a time to be announced toward the end of the semester. A student must produce appropriate documentation (a doctor's signed note for illness or a funeral or obituary notice that lists the student as a survivor of the deceased) before a make-up exam may be administered. **The make-up exam is comprehensive.**

### **SHSU Academic Policy Manual - Students**

- Procedures in cases of Academic Dishonesty AP 810213: All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism (copying of work which is not your own), collusion (dividing work between two or more classmates and turning it in as though each of you did all of the work), and the abuse of resource materials. **Cell phones, backpacks, and handbags or totes MUST be placed in open shelving or bins during exams.** Exam dates are clearly spelled out on the class schedule and any changes will be announced in advance. Please plan accordingly in order to properly store your valuables. The student assumes all responsibility for personal property. Additional information is given at the Student Syllabus Guidelines web link. **Because of the nature of the laboratory work for this class, should the professor or laboratory instructor question whether construction on a project was indeed the work of the student submitting the work, the burden of proof that the work was indeed that of the student rests with the student.** If the student does all/most of his/her work in the laboratory setting, this eliminates the possibility of questioning the integrity of the work. Credit will not be given for work that is not the student's work.
- Academic Grievance Procedures for Students AP 900823: Academic grievances include disputes over course grades, unauthorized class absences/tardiness, suspension for academic deficiency, instructor's alleged unprofessional conduct related to academic matters, graduate comprehensive and oral exams, theses and dissertations, and withdrawal or suspension of privileges related to degree-required clinical rotation, internships, or other clinical service delivery in professional degree programs. If the dispute is determined to be based upon professional judgment, the aggrieved student is entitled to have, as appropriate

and in turn, the department/school chair, College Academic Review Panel, academic dean, Dean of Graduate Studies (for graduate student issues), and Provost and Vice President for Academic Affairs form an opinion about the dispute and so advise the individual(s) involved.

<http://www.shsu.edu/dotAsset/0bb1346f-b8d6-4486-9290-dba24123d0d8.pdf>

- Students with Disabilities AP 811006: It is the policy of Sam Houston State University that no otherwise disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail [disability@shsu.edu](mailto:disability@shsu.edu)). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired. SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities.

**NOTE: No accommodation will be made until the student registers with the Office of Services for Students with Disabilities**

<http://www.shsu.edu/dotAsset/187f9029-a4c6-4fb4-aea9-2d501f2a60f3.pdf>.

- Student Absences on Religious Holy Days AP 861001: Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Section 51.911 (a) (2) defines a religious holy day as: “a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20...” A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.
- Use of Telephones and Text Messengers in Academic Classrooms and Facilities AP 100728: Use of cell phones to identify information on current issues may be done **ONLY** with the instructor’s express and **ADVANCE** permission. Should a student have a personal emergency that requires that the his/her cell phone be available, the student must alert the instructor in advance. Any calls must be taken outside of the classroom. Cell phone availability and use during class times is **GREATLY** discouraged as cell phones are generally a distraction during lecture times. The presence of a cell phone at the student’s chair or station during testing times will result in a *de facto* appearance of cheating and the student will receive a grade of 0 on the exam. It is highly recommended that students NOT

use cell phones, ear buds, headphones, etc., during laboratory times since it is likely that instructions intended for the entire group would not be heard.

- Other Guidelines:

1. All assignments are due at the end of the laboratory period on the due date unless an extension is granted or a specific time is listed. (Please do not underestimate the time it will take for you to complete garments or boards.) The same is true for muslin models and patterns. Assignments will receive an automatic drop of one letter grade for each school day that the assignment is late. Incomplete garments will not be accepted for grading.
2. All assignments must be completed and turned in to the professor before the final exam may be taken (<http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/scholastic-requirements/#final-examinations>).
3. No food or drink is allowed in the laboratory. These items must remain **away from** the lab stations.
4. Students are expected to stay and work until that day's assignments are completed. Laboratory attendance is expected and checked. Students will be expected to have supplies ready, stay, and work. No make-up labs will be given, and 3 tardies or "very lates" will be counted as an absence.
5. Students may not attend a lab section in which they are not enrolled in exchange for a lab missed.
6. Clean work area before leaving. Put the foot control back in its slot; do not leave it on the floor for the maintenance staff to put away. We will be sharing the laboratory with two other classes, so each of us needs to do our part to keep the laboratory neat and ready for the next group that will be using the lab.