Proposal Form For Addition And Revision Of Courses

1. Proposing College / School: Human Sciences
   Department: Consumer Affairs

2. Course Prefix and Number: CAHS 2750 3. Effective Term: Fall 2012

4. Course Title: Product Development: Technical Design
   Abbreviated Title (30 characters or less): Technical Design

5. Requested Action: ○ Renumber a Course ○ Add a Course ○ Revise a Course
   Current Course Number: Proposed Course Number: Type of Revision: P/C & descr

6. Course Credit:

<table>
<thead>
<tr>
<th>Contact/Group Hours</th>
<th>Scheduled Type</th>
<th>Weekly or Per Term?</th>
<th>Credit Hours</th>
<th>Anticipated Enrollment</th>
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<tbody>
<tr>
<td>Maximum Hours</td>
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<td>(Repeatability):</td>
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<td>6</td>
<td>LEC. 2, LST. 4</td>
<td>wkly</td>
<td>4</td>
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   Total Credit Hours: 4

7. Grading Type: ○ Regular (ABCDF) ○ Satisfactory/Unsatisfactory (S/U) ○ Audit

8. Prerequisites/Corequisites:
   Use "P:" to indicate a prerequisite, "C:" to indicate a corequisite, and "P/C:" to indicate a prerequisite with concurrency.
   P/C. CAHS 2740, P. CAHS 2800, AMDP major.

9. Restrictions: List specific restriction in space above.
   ○ College  ○ Major  ○ Standing  ○ Degree

10. Course Description:
    (20 Words or Less; exactly as it should appear in the Bulletin)
    Apparel pattern development through drafting, flat pattern manipulation and draping; custom apparel production

11. May Count Either: NA or (Indicate if this particular course cannot be counted for credit in addition to another)

12. Affected Program(s):
    (Respond "NA" if not included in any program; attach memorandum if more space is required)
    Program Type  Program Title  Requirement or Elective?
    (e.g.: minor, major, etc.)  (e.g.: MS in Chemistry, Performance Option, Minor in Art)  (required or optional?)
    major  B.S., AMDP, Design Option  required
    B.S., AMDP, Merchandising Option  elective

13. Overlapping or Duplication of Other Units' Offerings:
    (If course is included in any other degree program, is used as an elective frequently by other unit(s), or is in an area similar to that covered by another college/school, attach correspondence with relevant unit)
   ○ Applicable
   ○ Not Applicable
14. Justification:
Until this year, CAHS 1750, Fundamentals of Product Development, and CAHS 2740, Aesthetics for Apparel Design, have been the prerequisites for CAHS 2750. Evaluation of the flow and efficiency of the curriculum led to the deletion of CAHS 1750 and the transfer of some of its topics into CAHS 2800. Students need those topics and activities prior to taking 2750.

(Include a concise, yet adequate rationale for the addition/revision of the course, citing accreditation, assessments (faculty, graduate, and/or external) where applicable)

15. Resources:
No change in resources needed

(Indicate whether existing resources such as library materials, classroom/laboratory space, and faculty appointments are adequate to support the proposed addition/revision; if additional resources are required, indicate how such needs will be met, referencing the appropriate level of authorization – i.e.: Dean – where necessary; if no additional resources or shifting of resources will be necessary, respond "Not Applicable")

16. Student Learning Outcomes:
Business Knowledge: Students will understand and apply terminology and concepts commonly used in textile, apparel, retail and related industries.

Product Knowledge: Students will understand and apply the concepts and techniques specified for textile and apparel design, development, production and presentation.

Process Knowledge: Students will understand the process of planning, designing, producing, procuring, pricing, and controlling textile, apparel, or related product lines.

(State in measurable terms (reflective of course level) what students should be able to do when they have completed this course)

17. Course Content Outline:
Week 1: Lec: introduction to flat patternmaking; Stu: in-class skirt pattern problems; assign flat pattern homework problems
Week 2: Lec: body measurements & scanning; skirt draping; Stu: skirt flat pattern problems, draping exercises & body scanning; skirt flat pattern problem notebook DUE
Week 3: Lec: pattern drafting, pant project; Stu: draping exercises; draft pant patterns
Week 4: Lec: basic pant construction, pant fit analysis, patternmaking for zippers, pockets; Stu: construct pant prototype, first fit session
Week 5: Lec: sequence of assembly, pant construction details; Stu: pant assembly
Week 6: Lec: flat patternmaking & draping fundamentals for bodices; Stu: completed pant DUE; bodice draping exercises
Week 7: Lec: manipulating darts, adding fullness & contouring in flat pattern & draping; Stu: in-class bodice pattern problems, draping exercises; assign bodice pattern homework problems
Week 8: Lec: torso pattern characteristics, neckline & collar patternmaking; Stu: Bodice flat pattern notebook DUE; in-class neckline & collar pattern problems & homework, cowl neckline draping exercise
Week 9: Lec: sleeve flat patternmaking, introduction to slopers; Stu: in-class sleeve pattern problems, torso draping exercise, neckline, collar & sleeve pattern problems DUE
Week 10: Lec: bodice & skirt sloper drafting, bodice & skirt fit analysis; Stu: draft bodice & skirt, bodice fit analysis
Week 11: Lec: Sleeve sloper drafting, skirt fit analysis; Stu: skirt fit analysis, draft sleeve
Week 12: Lec: Final sloper hard copies, jacket project, jacket patternmaking from sloper; Stu: finish sloper patterns, make hard copies, jacket designing; sloper project DUE
Week 13: Lec: jacket assembly sequence, collar & facing construction; Stu: jacket patternmaking & fit analysis, jacket construction
Week 14: Lec: Sleeve, hem, lining & closer specifications; Stu: jacket construction
Week 15: Stu: jacket completion
18. Assignments / Projects:

Flat patternmaking, drafting (pant and sloper sloper), and draping assignments (in class and homework): Students are introduced to supporting concepts and execution techniques for the three technical methods of developing apparel patterns. Each technique is practiced for different parts of the body and varied styles. Industry terminology for techniques and processes is learned. The basic objectives are to build skills to translate design ideas into real garments within real world parameters and to build a foundation for more sophisticated technical pattern development in subsequent courses.

Pant, sloper and jacket projects: in entirety, these projects incorporate the necessary steps from design to pattern development to final garment assembly. Because the products are developed by and for each student, they provide hands-on experience with the real world issues of fit analysis and pattern adjustment for different body characteristics, materials, and designs. Because the students construct products, they must make individualized decisions regarding specifying and sequencing assembly just as they could in a design job. Industry terminology learned in CAHS 2800 is applied, and new terms are added.

Attendance policy: Lecture and Studio are integrated, and attendance is required; up to three unexcused absences will not lower the student's grade; for each unexcused absence beyond three, 10 points will be deducted. Preparation, effort and initiative will be considered in calculating the points for attendance and participation.

19. Rubric and Grading Scale:

Flat patternmaking problems: 160 points (23%)
Draping exercises: 100 points (14%)
Pant project (patternmaking, construction): 140 points (20%)
Sloper project (pattern drafting & alteration, fitting): 140 points (20%)
Jacket project (design, patternmaking and construction): 140 points (20%)
Instructor evaluation of effort and attendance: 20 points (9%)

20. Justification for Graduate Credit:

NA

POLICY STATEMENTS

Attendance: Although attendance is not required, students are expected to attend all classes, and will be held responsible for any content covered in the event of an absence.

Excused Absences: Students are granted excused absences from class for the following reasons: illness of the student or serious illness of a member of the student's immediate family, the death of a member of the student's immediate family, trips for student organizations sponsored by an academic unit, trips for university classes, trips for participation in intercollegiate athletic events, subpoena for a court appearance, and religious holidays. Students who wish to have an excused absence from class for any other reason must contact the instructor in advance of the absence to request permission. The instructor will weigh the merits of the request, and render a decision. When feasible, the student must notify the instructor prior to the occurrence of any excused absences, but in no case shall such notification occur more than one week after the absence. Appropriate documentation for all excused absences is required. Please see the Tiger Cub for more information on excused absences.
Make-Up Policy: Arrangement to make up a missed major examination (e.g., hour exams, mid-term exams) due to properly authorized excused absences must be initiated by the student within one week of the end of the period of the excused absence(s). Except in unusual circumstances, such as the continued absence of the student or the advent of university holidays, a make-up exam will take place within two weeks of the date that the student initiates arrangements for it. Except in extraordinary circumstances, no make-up exams will be arranged during the last three days before the final exam period begins.

Academic Honesty Policy: All portions of the Auburn University student academic honesty code (Title XII) found in the Tiger Cub will apply to university courses. All academic honesty violations or alleged violations of the SGA Code of Laws will be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.

Disability Accommodations: Students who need special accommodations in class, as provided for by the Americans With Disabilities Act, should arrange for a confidential meeting with the instructor during office hours in the first week of classes (or as soon as possible if accommodations are needed immediately). The student must bring a copy of their Accommodation Letter and an Instructor Verification Form to the meeting. If the student does not have these forms, they should make an appointment with the Program for Students with Disabilities, 1288 Hasley Center, 844-2038 (V/TT).