

**Principles of Apparel Production**

TXC 164 (3 units)

Winter 2009

T/R 12:10-1:30 pm Rm. 217 Art

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Instructor's Office Hours: M, W 8:30-9:00am and by appointment (752-4417)

**Course description:**

Overview of textiles and apparel history, characteristics, research, technology and processes in apparel manufacturing. Discuss the role of garment analysis, design and pattern development, product development, material utilization, fabrications, mechanization and product management.

**Required Text:** Glock, R.E. and Kunz, G.I. (2005). *Apparel Manufacturing: Sewn Product Analysis*. Fourth Edition. Upper Saddle River, N.J. Columbus, OH: Prentice-Hall (also on reserve in Shields Library)

**Optional reference texts:**

Brown, Patty. (2000). *Ready-To-Wear Apparel Analysis*. New York: Macmillan Publishing Company.

**Course Format:** Three hours of lecture/discussion per week

Exams/Assignments	Due date	Points possible
Assignment #1 (Survey of target group)	T, Jan. 20	15 points
Assignment #2 (Fabric, drawing, label, board, market)	R, Jan. 29	15 points
Assignment #3 (Stitches, seams, edges, drawing, mission)	T, Feb. 10	15 points
Midterm #1	R, Feb. 12	100 points
Assignment #4 (Shape, support, design features, details, closures)	T, Feb. 24	15 points
Assignment #5 (costs)	R, Mar. 12	15 points
Presentation (evaluation & investment)	T, Mar. 10; R, Mar. 12	15 points
Bonus points for "selling" products	T, Mar. 10; R, Mar. 12	3 to 5 points
Attendance and participation*	daily	20 points*
Midterm #2	R, March 19	75 points

**Final Project due March 12 (Presentations March 10 and 12)**

**Total = 285 points**

\*Attendance will be taken and participation is *critical* to passing the course. Students will be doing group work that will suffer if some members don't attend class.

**Course outline:**

Date	Topic	Required Reading
<b>Week #1</b>		
T, Jan. 6	Introduction to course, discuss project, overview (Apparel industry experience and skills inventory)	Purchase book
R, Jan. 8	Consumer research, product research, target market, fashion trends, colors, <b>fabrics</b> (Form companies)	G & K, Ch. 2, Ch. 9
<b>Week #2</b>		
T, Jan. 13	What is quality? Fabric, continued Companies meet to discuss name, plans for future, survey of target clients, mission statement, labor philosophy, compensation	G & K, Ch. 1, Ch. 7, Ch. 12 (pp. 363-381)
R, Jan. 15	Labels Companies meet to discuss strategies for target customers, colors, etc.	G & K pages 586-589
<b>Week #3</b>		
<b>T, Jan. 20</b>	Creating designs, planning the line, design <b>inspiration</b> , sketches, <b>specifications</b> (garment analysis) <b>Assignment #1 DUE – Survey</b> Companies meet to discuss inspiration, design line	G & K, Ch. 2, 3, 4, 5
R, Jan. 22	Development of the designs, patterns, <b>grading</b> , sample, cost estimate, marketing Companies meet to plan labels, fabrics, designs	G & K, Ch. 6, Ch. 2 (again)

Week #4			
T, Jan. 27	Pre-production Operations Marketing the line Companies meet for planning	(Fabric to 501s)	G & K, Ch. 13, 11 (pp. 337-347)
<b>R, Jan. 29</b>	Stitches, Seams & Thread Companies meet to discuss stitches, seams and thread		G & K, Ch. 14
<b>(Assignment #2 DUE: Fabric, label, sketch/photo, story board, target market)</b>			
Week #5			
T, Feb. 3	Edge treatments Costs, Costing, Pricing and Profit Companies meet to plan edge finishes, costs		G & K, Ch 8
R, Feb. 5	Style and design (waist, neckline, pockets) Companies work on Assignments #3 & #5		
Week #6			
T, Feb 10	Shaping and support		G & K, Ch. 16
<b>(Assignment #3 DUE - Stitches, seams, and edge treatments on technical drawing, mission statement)</b>			
<b>R, Feb. 12</b>	<b>MT#1 (Covers material through Feb. 7) - Bring Scantron 882, 882E, 882ES or UCD 2000</b>		
Week #7			
T, Feb. 17	Closures Companies work out edge treatments and support		G & K, Ch. 17
R, Feb. 19	Details/Trim Fit		G & K, Ch. 18
Week #8			
T, Feb. 24	Sourcing Product Analysis, Production Management <b>(Assignment #4, Shape and support, design features, closures, details)</b>		G & K, Ch. 9, 10 G & K, Ch. 4, Ch. 5 (again)
R, Feb. 26	Home Fashions Companies work on costing		
Week #9			
T, Mar. 3	Footwear Apparel Engineering & Equipment		G & K, Ch. 11, 15
<b>R, Mar. 5</b>	History of the Apparel Industry		
Week #10			
<b>T, Mar. 10</b>	Class starts at 12:00 noon sharp - <b>Trade Show presentations (Pt 1) Groups 1-8 - FIVE minutes each</b>		
<b>R, Mar. 12</b>	Class starts at 12:00 noon sharp <b>Trade Show presentations (Pt 2) Groups 9-16- FIVE minutes each</b> <b>(Assignments #1 through #5 due, evaluations of group)</b> <b>Course and Instructor Evaluations</b>		
<b>R, March 19</b>	<b>Final – 1:00-3:00 pm 217 Art - Bring Scantron and pencil</b> <b>Covers new material since the first midterm</b>		

