

Working Draft

Competencies	Knowledge (know, memorize, recall, name)	Comprehension (discuss, recognize, explain, describe)	Application (interpret, apply, demonstrate, illustrate)	Analysis (analyze, debate, relate, question)	Synthesis (propose, create, organize, arrange)	Evaluation (judge, value, select, critique)
1. Apparel and Textiles Products Overview						
1.1 Comprehend the historic development and influence of present and future trends of the global AT products industry	AT245 AT430 AT545	AT325 AT360 AT430 AT545	AT430 AT625	AT625	AT625	
1.2 Comprehend interrelations among suppliers, producers, retailers, and consumers	AT245 AT545	AT245 AT325 AT360 AT525 AT545	AT525 AT625 AT645	AT360 AT525 AT625 AT645	AT625 AT645	
1.3 Comprehend the relationship among fashion, basic, staple, and seasonal goods	AT200 AT225 AT425	AT225 AT425	AT425 AT525 AT645	AT525		
1.4 Comprehend the integration of creative design, technical design, customization, and mass production	AT200	AT440 AT400	AT400 AT655 AT695	AT670 AT695		
1.5 Analyze impact of technology on product development, merchandising, markets and production, and multichannel distribution	AT200 AT225 AT245 AT430 AT545	AT225 AT325 AT430	AT430 AT525 AT610	AT525		
1.6 Comprehend textile products for specialty applications	AT265 AT360?	AT265				AT360
1.7 Understand the impact of dress in the development of self social interaction and group behavior	AT330 AT430	AT330 AT430	AT330 AT430			

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1.8 Understand the contributions of theory and research to the field of apparel and textiles	AT200 AT330 AT545 AT645	AT330 AT430 AT525 AT545	AT330 AT525 AT645	AT525	AT645	
<u>2. Textiles</u> 2.1 Know the basic generic fibers, yarn structures, fabrications, finishes and coloration	AT265	AT265 AT620	AT620			AT620
2.2. Comprehend standards, regulations and labeling laws for domestic and international markets	AT265 AT360	AT265 AT360	AT360	AT360		
2.3 Analyze fabric performance based on fiber content yarn structures, fabrications, finishes and color	AT265 AT360	AT265 AT360	AT360	AT360	AT360	AT360
2.4 Apply textile knowledge in selecting textiles for specific end use	AT265	AT265				
2.5 Evaluate and apply the compatibility of textile materials and their suitability to end use, <u>using appropriate lab equipment</u>	AT360 AT620	AT360 AT620	AT360 AT620	AT360	AT620	AT620
2.6 Comprehend fabric problems that impact cost, production, and product performance	AT265 AT440	AT440				

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<u>3. Marketing</u>						
3.1 Comprehend buyer behavior and what constitutes value in a product or service from the perspectives of the manufacturer, retailer, and consumer	AT225 AT330	AT225 AT325	AT525 AT625	AT525 AT625 AT645	AT525 AT625 AT645	AT525 AT645
3.2 Comprehend the significance of inventory level, turn time, gross margin, reorder points, cost-volume-profit analysis, marginal analysis, etc.	AT225	AT225	AT225 AT525	AT525	AT525 AT645	AT525
3.3 Comprehend trend analysis to develop and market A & T products.	AT200 AT225	AT200 AT525	AT200 AT525	AT525 AT645	AT525	AT525 AT645
3.4 Comprehend market segmentations and analyze needs of niche markets	AT225 AT245 AT425 AT525	AT245 AT330 AT425 AT525	AT425 AT525 AT625	AT525 AT625 AT645	AT525 AT625 AT645	AT525 AT625 AT645
3.5 Evaluate global and domestic marketing strategies and channels of distribution relative to the mission of the firm, target customers and product life cycles	AT245 AT425 AT545	AT325 AT425 AT545	AT425 AT545 AT625	AT525 AT625	AT525 AT625	AT525 AT625
<u>4. Merchandising</u>						
4.1 Comprehend the use of market research relative to line development and product development	AT200 AT330 AT645	AT200 AT330	AT200 AT330 AT525 AT645	AT525 AT645	AT525 AT610 AT645	AT525 AT645

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4.2	Comprehend the role of merchandising in coordinating the forecasting, development, and presentation of the product line	AT225 AT425	AT225 AT425	AT425 AT525 AT645	AT525	AT425 AT525	AT425 AT525 AT645
4.3	Comprehend the development of salable merchandise assortments relative to size distribution, color, style and price range	AT225	AT225	AT525	AT525	AT525 AT645	AT525 AT645
4.4	Comprehend management of SKU's, assortment planning, production and sell through	AT225 AT425	AT425	AT525 AT645	AT525	AT525 AT645	AT525 AT645
<u>5. Product Development</u>							
5.1	Understand the concepts of product development, relative to cost requirements, aesthetic requirements, producibility, and market needs	AT200 AT265 AT620	AT265 AT300 AT620	AT525 AT620 AT645 AT695	AT525 AT645	AT525 AT645 AT695	AT645
5.2	Understanding the relationship of pattern development, sizing, grading, styling, <u>materials selection</u> , & assembly	AT200 AT265 AT300 AT655 AT695	AT265 AT425	AT425 AT300 AT610 AT655 AT645 AT670 AT695		AT425 AT610 AT655 AT670 AT695	AT425
5.3	Analyze stitch and seam structures relative to materials garment design, quality and cost	AT300 AT440	AT300 AT440	AT300 AT645		AT655 AT670 AT695	

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5.4 Synthesize specifications for the intended performance of materials, production, sizing, and performance of finished products	AT440	AT440	AT440 AT645	AT620 AT645	AT645	AT645
5.5 Apply design fundamentals including design elements and principles, color principles and theory, and theories of design and design composition.	AT200	AT200 AT425	AT200 AT400 AT425 AT610 AT645 AT655 AT695	AT400 AT610 AT655 AT695	AT400 AT425 AT610 AT655 AT695	AT400 AT425 AT695
<u>6. Concepts of sizing and fit</u>						
6.1 Comprehend basic sizing	AT200 AT440 AT695	AT300 AT695	AT300 AT645 AT695			
6.2 Comprehend principles of fit relative to specific end use, aesthetics, and comfort	AT440	AT300 AT440	AT300 AT645 AT655 AT670 AT695	AT300 AT440 AT655 AT670 AT695	AT300 AT645 AT655 AT670 AT695	AT300 AT655 AT670 AT695
<u>7. Stitchology</u>						
7.1 Evaluate application, use, and performance of various stitch and seam classes as identified in US std 751a and ASTM 9263	AT440	AT440	AT300 AT645	AT440 AT645	AT645	AT440
7.2 Comprehend thread characteristics relative to end-use and performance	AT300 AT440		AT645		AT645	

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<u>8. Technology</u>						
8.1 Comprehend the use of current technology in product development, including: Product development, merchandising, production, and distribution	AT200 AT225 AT400 AT440	AT225	AT360 AT400 AT525 AT620 AT645	AT360 AT525 AT620	AT525 AT742	AT360 AT620 AT742
8.2 Demonstrate competence of Internet use relative to sourcing and marketing	AT200 AT400 AT440		AT330 AT400 AT440 AT525 AT645	AT360 AT620	AT525 AT742	AT525 AT742
<u>9. Costing</u>						
9.1 Comprehend methods of determining product cost	AT200 AT645					
9.2 Analyze factors that affect cost of a garment including both domestic and global sources	AT265 AT545 AT645	AT545 AT645	AT545 AT645	AT645	AT645	AT645
<u>10. Quality management</u>						
10.1 Comprehend the various philosophies of quality management including Demming, Crosby, Juran, employee empowerment						
10.2 Comprehend management and employee's role in quality assurance	AT440		AT645			
10.3 Synthesize specifications to ensure a consistent product	AT440	AT440	AT360 AT440	AT440	AT440 AT645	AT440 AT645

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10.4 Compare collected data relative to specifications			AT440	AT360		
<u>11. Sourcing</u>						
11.1 Comprehend letters of credit, factoring, exchange rate and financial applications	AT545					

11.2 Comprehend the AT industry in a global context	AT225 AT425 AT545	AT425 AT545	AT425 AT525	AT525 AT545	AT525	AT525
11.3 Comprehend the implications of international regulations and alliances and trade policies that affect sourcing	AT545	AT545	AT525	AT525 AT545		
11.4 Comprehend all factors affecting compliance with laws & standard of social responsibility including human rights and environmental issues	AT545	AT525 AT545	AT525	AT525 AT545		
11.5 Analyze cultural, economic, and political factors that impact sourcing	AT225 AT430 AT545	AT430 AT545	AT430 AT525 AT545	AT525 AT545	AT525	
11.6 Apply sourcing strategies including domestic and foreign investment, joint investment, and 807/Ch98, CMT, and full package deal	AT545	AT545	AT545	AT545		

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11.7 Evaluate domestic and international sourcing options considering human resources, transportation, communication, production capabilities, political influences, cost, quality control, legal, logistics, and technology	AT525 AT545	AT525 AT545	AT525 AT545	AT525 AT545	AT525	
<u>12. Human Issues</u>						
12.1 Comprehend process of solving problems through negotiations	AT525	AT525	AT525			
12.2 Comprehend the factors affecting motivation, employee satisfaction, and personal and professional development	AT325	AT325				
12.3 Comprehend how to develop participative employee groups and their relation to employee empowerment	AT245 AT525	AT245 AT525	AT245 AT525			
12.4 Demonstrate appropriate oral, written and visual communication skills for working with people and organizations	AT200 AT245		AT245 AT300 AT325 AT400 AT545 AT625 AT645 AT695		AT400 AT610 AT695	
12.5 Recognize responsibilities related to environmental, social and ethical issues in textiles and apparel.	AT245 AT545	AT325 AT545	AT625			
<u>13. Intercultural</u>						
13.1 Apply behaviors and performance tasks needed to live and work in a diverse world						

