



# 2023-2024

## Technical Skills Assessment

### Apparel and Textiles

## Results by Standard

Legend (%)		
0-50%	51-75%	76-100%

Assessment: Apparel and Textiles Number tested: 52	% Correct 22-23	% Correct 23-24
<b>Program 1: CONTENT STANDARD 1.0: CAREER EXPLORATION</b>	70.00%	67.47%
<b>Duty 1: Performance Standard 1.1: Analyze the Role of Trade and Professional Organizations in Fashion,</b>	70.00%	64.81%
Standard 3: 1.1.3 Participate in a professional organization [e.g., Family, Career and Community Leaders of America (FCCLA), Fashion Institute of Design and Merchandising (FIDM) Fashion Club, Association of Sewing and Design Professionals (ASDP)].	70.00%	64.81%
<b>Duty 2: Performance Standard 1.2: Analyze Opportunities for Employment and Entrepreneurial Endeavors</b>	75.45%	68.35%
Standard 4: 1.2.4 Develop personal professional goals.	80.00%	86.11%
Standard 6: 1.2.6 employment in a variety of apparel, textile, manufacturing and/or design industries.	60.00%	55.56%
<b>Standard 10: 1.2.10 Explain the characteristics of a successful entrepreneur.</b>	85.00%	85.19%
Standard 11: 1.2.11 Identify the advantages and disadvantages of owning a business.	70.00%	37.04%
Standard 12: 1.2.12 Identify the components of a business plan and analyze its success.	85.00%	68.52%
<b>Standard 13: 1.2.13 Research the legal requirements and resources needed for starting a business.</b>	60.00%	56.48%
<b>Standard 14: 1.2.14 Apply the problem-solving process to resolve a business problem.</b>	80.00%	66.67%
<b>Duty 4: Performance Standard 1.4: Analyze the Effects of Textile and Apparel Occupations on Local, State, National, and Global Economies</b>	25.00%	30.56%
Standard 3: 1.4.3 Analyze the effects of omni-channel [1] approaches to selling. [1] A multi-channel sales approach that provides the customer with an integrated customer experience. The customer can be shopping online from a desktop or mobile device, or by telephone, or in a bricks and mortar store and the experience would be seamless.	25.00%	30.56%
<b>Duty 5: Performance Standard 1.5: Create a Professional Portfolio</b>	73.33%	74.90%
Standard 1: 1.5.1 Organize a portfolio for the purpose of obtaining internships, work-based learning opportunities, postsecondary education, and employment.	75.00%	76.85%
<b>Standard 2: 1.5.2 Compose a letter of intent, a cover letter, a letter of references, and a resume.</b>	60.00%	57.41%

<b>Assessment: Apparel and Textiles</b>	<b>% Correct</b>	<b>% Correct</b>
<b>Number tested: 52</b>	<b>22-23</b>	<b>23-24</b>
Standard 3: 1.5.3 Incorporate evidence of skill level in a portfolio, with physical sample/digital representation of product.	60.00%	80.56%
<b>Standard 4: 1.5.4 Implement aesthetics and professionalism in a portfolio.</b>	85.00%	76.85%
<b>Standard 5: 1.5.5 Create a professional portfolio with a digital and physical representation.</b>	100.00%	90.74%
<b>Program 2: CONTENT STANDARD 2.0: DESIGN–DEMONSTRATE APPAREL AND PRODUCT DESIGN SKILLS</b>	78.00%	71.98%
Duty 1: Performance Standard 2.1: Utilize Elements and Principles of Designing, Constructing, and/or Altering End Products	75.71%	69.58%
Standard 1: 2.1.1 Apply the elements and principles of design.	73.33%	65.43%
<b>Standard 2: 2.1.2 Recognize and implement color schemes and color theory to develop and enhance product design.</b>	65.00%	62.96%
Standard 3: 2.1.3 Examine ways in which elements and principles of design can affect appearance, theme, and mood.	90.00%	82.41%
Duty 3: Performance Standard 2.3: Develop Design Inspiration	60.00%	50.93%
<b>Standard 5: 2.3.5 Generate a design that reflects ecological, environmental, sociological, psychological, cultural, technical, and/or economic trends and issues.</b>	60.00%	50.93%
<b>Duty 4: Performance Standard 2.4: Demonstrate Knowledge of Design Skills</b>	80.00%	76.54%
Standard 3: 2.4.3 Explain the ways in which fabric characteristics affect design.	85.00%	77.78%
Standard 5: 2.4.5 Demonstrate the ability to use technology for product, textile, and apparel design.	70.00%	74.07%
<b>Duty 5: Performance Standard 2.5: Demonstrate Knowledge of Design Presentation Skills</b>	93.33%	87.04%
Standard 3: 2.5.3 Provide and receive feedback.	93.33%	87.04%
<b>Program 3: CONTENT STANDARD 3.0: TEXTILES: ANALYZE FIBER AND FABRIC PRODUCTS AND MATERIALS</b>	75.56%	60.49%
<b>Duty 1: Performance Standard 3.1: Evaluate Performance Characteristics of Fibers, Fabrics, and Finishes</b>	63.33%	44.44%
Standard 1: 3.1.1 Identify fibers, yarns, and fabrics.	63.33%	44.44%
Duty 2: Performance Standard 3.2: Examine Processes for Creating Fibers, Yarns, and Fabrics	82.50%	73.15%
Standard 3: 3.2.3 Explain production processes for creating fibers, yarns, woven, and knitted fabrics, and nonwoven textile products.	80.00%	53.70%
Standard 4: 3.2.4 Analyze sustainable processes to maintain the environment.	80.00%	68.52%
Standard 5: 3.2.5 Demonstrate the ability to repurpose, alter and/or repair existing textiles.	85.00%	85.19%
Duty 3: Performance Standard 3.3: Analyze the Effects of Textile Characteristics on the Design, Construction, Care, Use, and Preservation of Products	80.00%	59.26%
Standard 3: 3.3.4 Demonstrate appropriate textile care procedures (i.e., stain removal, pressing, and storage).	80.00%	59.26%
<b>Program 4: CONTENT STANDARD 4.0: CONSTRUCTION – DEMONSTRATE THE SKILLS NEEDED TO PRODUCE, ALTER, AND REPAIR APPAREL AND PRODUCTS</b>	78.18%	63.97%

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<b>Duty 2: Performance Standard 4.2: Demonstrate the Skills Required for Pattern and Textile Selection and Preparation</b>	75.00%	71.76%
Standard 3: 4.2.3 Determine yardage requirements for a variety of projects.	90.00%	59.26%
Standard 7: 4.2.7 Demonstrate the ability to alter a pattern for fit.	65.00%	71.30%
<b>Standard 8: 4.2.8 Demonstrate the ability to draft a pattern.</b>	80.00%	85.19%
<b>Duty 3: Performance Standard 4.3: Demonstrate Skills for Constructing, Altering, and Repairing</b>	80.00%	59.52%
Standard 1: 4.3.1 Demonstrate a variety of seams, seam finishes, and hems.	75.00%	65.74%
Standard 2: 4.3.2 Demonstrate various machine and hand-stitching techniques.	100.00%	76.85%
<b>Standard 4: 4.3.4 Demonstrate the application of various closures.</b>	60.00%	32.41%
Standard 6: 4.3.6 Utilize resources to assist in garment construction.	90.00%	66.67%
Program 5: CONTENT STANDARD 5.0: PRODUCT DEVELOPMENT AND PRODUCTION	59.29%	54.23%
<b>Duty 1: Performance Standard 5.1: Develop and Design</b>	40.00%	39.81%
Standard 1: 5.1.1 Develop an understanding of demographics as related to a target market.	60.00%	49.07%
Standard 5: 5.1.5 Understand basic patternmaking or pattern editing relative to design.	40.00%	44.44%
<b>Standard 6: 5.1.6 Produce a prototype product based on the design.</b>	20.00%	25.93%
Duty 2: Performance Standard 5.2: Pre-Production Processes	86.00%	72.22%
Standard 1: 5.2.1 Understand grading of pattern into sizes.	80.00%	58.33%
Standard 2: 5.2.2 Investigate garment-sizing strategies from different apparel brands.	90.00%	78.70%
<b>Standard 3: 5.2.3 Understand how costing of materials and labor contributes to final cost.</b>	90.00%	87.04%
Duty 3: Performance Standard 5.3: Production	53.33%	53.09%
Standard 3: 5.3.3 Investigate a company's production practices.	50.00%	51.85%
Standard 4: 5.3.4 Understand how garment production is tracked and managed.	60.00%	55.56%
<b>Program 6: CONTENT STANDARD 6.0: MERCHANDISING, MARKETING, AND PROMOTIONS</b>	65.00%	61.31%
<b>Duty 1: Performance Standard 6.1: Implement Research Methods, Including Forecasting Techniques, for Marketing Textile and Apparel Products</b>	60.00%	46.30%
Standard 9: 6.1.9 Describe cultural, political, social, economic, and personal value factors that influence clothing choices.	60.00%	46.30%
Duty 3: Performance Standard 6.3: Apply Marketing Strategies for Apparel, Textile, and Apparel Products	55.00%	52.78%
Standard 3: 6.3.3 Describe the function and importance of quality control.	55.00%	52.78%
Duty 4: Performance Standard 6.4: Apply Skills and Knowledge Required in the Retail Industry	70.00%	74.07%

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Standard 2: 6.4.2 Describe various methods of maintaining inventory control.	70.00%	74.07%
<b>Duty 5: Performance Standard 6.5: Acquire an Understanding of the Merchandise-Buying Process</b>	70.71%	65.34%
Standard 1: 6.5.1 Compare and contrast retail and wholesale practices.	70.00%	60.49%
Standard 2: 6.5.2 Describe the importance of the sales report in determining the effectiveness of prior purchases and planning future purchases.	85.00%	75.93%
<b>Standard 3: 6.5.3 Utilize data to plan purchases.</b>	90.00%	78.70%
<b>Standard 4: 6.5.4 Investigate the merchandise-buying process.</b>	50.00%	46.91%
Standard 5: 6.5.5 Evaluate a sales report to determine the effectiveness of a prior fashion season.	70.00%	72.22%
Standard 6: 6.5.6 Determine the effects of global trade in today's retail environment.	70.00%	70.37%
<b>Duty 6: Performance Standard 6.6: Evaluate the Components of Customer Service</b>	50.00%	54.63%
Standard 1: 6.6.1 Distinguish factors that contribute to quality customer relationships.	50.00%	54.63%
<b>Duty 7: Performance Standard 6.7: Demonstrate General Operational Procedures Required for Business</b>	61.43%	60.05%
Standard 2: 6.7.2 Analyze personal and employer responsibilities and liabilities regarding industry-related safety, security, and environmental factors.	70.00%	83.33%
<b>Standard 5: 6.7.5 Analyze operational costs and other factors affecting profit.</b>	50.00%	50.00%
<b>Standard 6: 6.7.6 Debate labor ethics involved in the manufacturing and merchandising of products.</b>	75.00%	51.85%
Standard 7: 6.7.7 Estimate costs involved in the manufacturing and merchandising of products.	55.00%	66.67%