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# **Fashion Technology and Merchandising**

## General Assessment Information

### Blueprint Contents

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**Test Type:** The Fashion Technology and Merchandising assessment is included in NOCTI's Teacher assessment battery. Teacher assessments measure an individual's technical knowledge and skills in a proctored proficiency examination format. These assessments are used in a large number of states as part of the teacher licensing and/or certification process, assessing competency in all aspects of a particular industry. NOCTI Teacher tests typically offer both a written and performance component that must be administered at a NOCTI-approved Area Test Center. Teacher assessments can be delivered in an online or paper/pencil format.

**Revision Team:** The assessment content is based on input from subject matter experts representing the following states: Florida, New York, and Pennsylvania.



52.1902- Fashion Merchandising



Career Cluster  
Marketing



41-14012.00-Sales Representatives,  
Wholesale and Manufacturing, Except  
Technical and Scientific Products

## Written Assessment

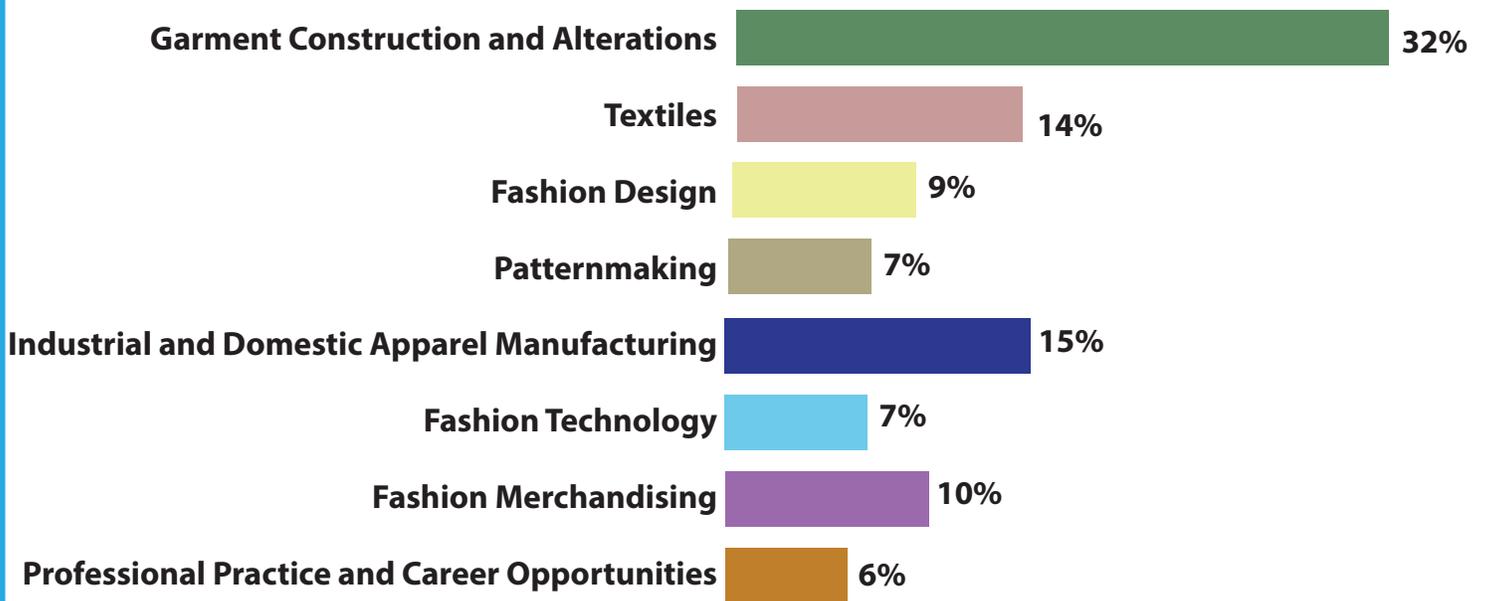
NOCTI written assessments consist of questions to measure an individual’s factual theoretical knowledge.

**Administration Time:** 3 hours

**Number of Questions:** 171

**Number of Sessions:** This assessment may be administered in one, two, or three sessions.

### Areas Covered



## Specific Standards and Competencies Included in this Assessment

### **Garment Construction and Alterations**

- Show proficiency in measuring and using measurements and measuring devices
- Prepare patterns, lay out, cut, and mark fabrics
- Identify and construct a variety of stitches, seams, and seam finishes
- Construct and convert shaping details to garments (e.g., darts)
- Construct and attach pockets and sleeves
- Construct and attach waistband, collars, and cuffs
- Apply interfacings, facings, underlinings, and linings
- Display knowledge of proper pressing procedures for construction
- Attach and replace closures (e.g., Velcro, buttonholes, zippers, snaps)
- Perform hemming procedures and alterations
- Perform basic fitting techniques (e.g., alter waist measurements)

### **Textiles**

- Identify and explain the properties of synthetic and natural fibers
- Describe yarn and fabric construction and uses
- Display knowledge of finishing techniques
- Display awareness of sustainable, environmental responsibility

### **Fashion Design**

- Display knowledge of fashion history (e.g., designers, societal influences)
- Create an inspirational or mood board
- Draw a fashion croquis and flat sketches
- Demonstrate knowledge of design elements and principles

### **Patternmaking**

- Demonstrate basic patternmaking systems (e.g., draping, flat pattern drafting)
- Analyze and adjust patterns for various figure types
- Interpret commercial pattern guide sheets, patterns, and envelopes

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## Specific Standards and Competencies (continued)

### **Industrial and Domestic Apparel Manufacturing**

- Operate sewing machines safely and identify machine parts
- Perform basic machine maintenance and troubleshooting
- Select appropriate machines and attachments for a given task
- Apply knowledge of industry terms

### **Fashion Technology**

- Demonstrate basic knowledge of computer uses in fashion production
- Demonstrate basic knowledge of computer uses in the fashion design industry
- Demonstrate basic knowledge of computer uses in fashion merchandising

### **Fashion Merchandising**

- Develop market research strategies (e.g., demographics, market segmentation, focus groups)
- Calculate inventory in merchandising management
- Demonstrate knowledge of marketing, selling, and merchandising

### **Professional Practices and Career Opportunities**

- Identify career opportunities (e.g., textiles)
- Determine educational and training requirements for fashion industry employment
- Demonstrate awareness of professional practices (e.g., customer service, teamwork, global sourcing)

## Sample Questions

**One way to prevent the neckline from stretching during construction is to**

- A. understitch
- B. topstitch
- C. staystitch
- D. double stitch

**The most familiar and widely used fiber is**

- A. polyester
- B. wool
- C. rayon
- D. cotton

**When drawing a fashion figure, the proportions are measured in**

- A. feet
- B. heads
- C. inches
- D. hands

**To properly insert the bobbin and the bobbin case into the machine, the needle should be**

- A. removed
- B. in the up position
- C. in the down position
- D. entering the feed dog

**Add-on, trading up, buy one/get one, and special offers are examples of**

- A. sample selling
- B. presenting the product
- C. suggestion selling
- D. closing the sale

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**Armhole shaping in patternmaking is usually done by using**

- A. a French curve
- B. free hand drawing
- C. another available pattern
- D. tracing

**Computer technology in the fashion industry**

- A. decreases production speed
- B. increases energy usage
- C. increases efficiency
- D. decreases market demand

**Fashion merchandising involves \_\_\_\_\_ of apparel items.**

- A. buying and selling
- B. sewing and stocking
- C. inventorying and stocking
- D. buying and stocking

**The face of fabric is the \_\_\_\_\_ side.**

- A. finished
- B. right
- C. unfinished
- D. wrong

**The oldest and most commonly used fastener is called a**

- A. button
- B. hook and eye
- C. metal zipper
- D. snap

## Performance Assessment

NOCTI performance assessments allow individuals to demonstrate their acquired skills by completing actual jobs using the tools, materials, machines, and equipment related to the technical area.

**Administration Time:** 3 hours

**Number of Jobs:** 4

### Areas Covered:

#### 18% Patternmaking

Participants will use the tools and pattern provided to convert a bodice sloper pattern to a basic princess line pattern.

#### 20% Seam Samples

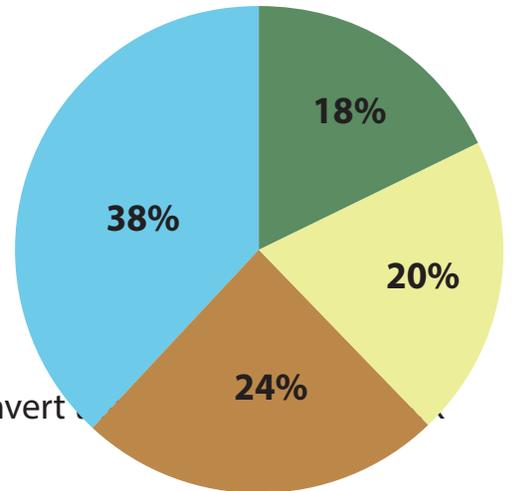
Participants will use the tools, equipment, and materials provided to construct four seam samples. The samples are as follows: plain seam, serged or overlocked seam, flat felled seam, and French seam. The seams should be in "consumer acceptable" condition upon completion.

#### 24% Create a Mood Board

Participants will use the materials provided to create a mood board. Participants will design an outfit on the provided croquis including two different accessories to complement the outfit.

#### 38% Construct a Skirt Back

Participants will use the pre-cut and pre-marked pattern pieces to construct a skirt back to include two darts, centered zipper, and waistline facing using fusible interfacing and clean finish.



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## Sample Job

### Construct a Skirt Back

**Maximum Time:** 1 hour and 15 minutes

**Participant Activity:** The participant will use the tools, equipment, and materials provided, construct the skirt back to include two darts, centered zipper, and waistline facing using fusible interfacing. Apply 1-inch top-stitched, clean finished hem to the skirt back, complete garment in “customer acceptable” condition with seams finished, threads snipped, and garment pressed.