



K I R K W O O D  
S C H O O L D I S T R I C T

**INDEPENDENT FASHION CONSTRUCTION: 9-12**

Approved by KSD Board of Education: (12/16/2024)

**Course Description:**

Take your sewing skills to the next level! In this hands-on course, students will further develop the skills learned in Fashion Construction I and II to create two advanced apparel garments. Students will work with unique fabrics, linings, and different seam finish techniques as they work independently to construct two garments. In this course, learning is self-directed, and students will develop their personalized learning experiences to advance their design and construction skills in consultation with the teacher. Students must provide their own materials for this course.

**Grade Level:** 9-12th Grade

**Unit Scope and Sequence**

**Unit 1:** Essential Fashion Construction Concepts

**Units 2-3:** Students will select two independent fashion projects listed below.

Independent Project: Draping

Independent Project: Slopers

Independent Project: Fabric Designs

**Course Enduring Understandings:**

- Use different fabric construction tools and machines for a variety of tailoring purposes.
- Discern which type of fabric is best suited for a specific purpose.
- Choose the most appropriate technique(s) to meet specific tailoring needs.

**Course Essential Questions:**

- What characteristics of textiles are most important to consider in the design, construction, alteration, and repair of products?
- What professional skills and innovative equipment are necessary to alter, repair, or construct apparel?
- Which tailoring techniques are most necessary in designing and creating a specific finished garment?

## INDEPENDENT FASHION CONSTRUCTION: 9-12

### Essential Fashion Construction Concepts

*Students will review their learning and enhance their advanced tailoring and fabric selection skills as they prepare for their independent projects. Students may focus more deeply on essential learning targets that will directly contribute to their independent projects.*

<b>Unit Essential Learning Targets</b>	
<b><i>Enduring Understandings</i></b>	<b><i>Essential Questions</i></b>
<ul style="list-style-type: none"> <li>● Fabric selections influence fashion design.</li> <li>● Unique tailoring skills are needed to produce, alter, and repair textiles and apparel.</li> </ul>	<ul style="list-style-type: none"> <li>● How are characteristics of textiles and fabrics important to consider in the design, construction, alteration, and repair of products?</li> <li>● What professional skills or innovative equipment can be used to alter, repair, or construct apparel?</li> <li>● What tailoring skills will I need to produce, alter, or repair textiles and apparel?</li> </ul>
<b><i>Students must know:</i></b>	<b><i>Students must be able to:</i></b>
<ul style="list-style-type: none"> <li>● Different textiles</li> <li>● Zippers</li> <li>● Alteration</li> <li>● Buttonhole</li> <li>● Performance characteristics of fabric               <ul style="list-style-type: none"> <li>○ Drapability</li> <li>○ Wear/Ease</li> <li>○ Fabric Care</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Research current fashion trends to create and inspire innovative designs.</li> <li>● Design, construct, alter, or repair products using appropriate techniques.</li> <li>● Evaluate equipment types to choose the best machines for their specific tailoring needs.</li> <li>● Evaluate the performance characteristics of textiles.</li> <li>● Select appropriate textiles for the garment design and body measurements.</li> </ul>

## **INDEPENDENT FASHION CONSTRUCTION: 9-12**

### **Essential Fashion Construction Concepts**

#### **NASAFACS Learning Standards**

**Priority Standard: Demonstrate professional skills in using traditional and technologically innovative equipment, tools, and supplies in textiles, fashion, and apparel construction, alteration, repair, and recycling. (16.4.1)**

Supporting Standards:

- Use appropriate industry products and materials for cleaning, pressing, and finishing textiles, fashion, and apparel. (16.4.3)
- Demonstrate basic skills for production, alteration, repair, and recycling of textiles, fashion, and apparel. (16.4.5)
- Prepare a pattern for layout and cutting. (UEN-SCT1: Strand 4, Standard 4)
- Demonstrate correct placement of pattern pieces on the fabric. (UEN-SCT1: Strand 4, Standard 5)
- Correctly position, secure, and cut out fabric pieces. (UEN-SCT1: Strand 4, Standard 6)
- Demonstrate construction terms such as basting stitch, back stitch, pivot, trimming, clipping & notching, grading/layering, top stitch, & right sides together. (UEN-SCT1: Strand 5, Standard 1)
- Construct standard seam allowances and seam finishes. (UEN-SCT1: Strand 5, Standard 3)
- Operate, thread, and maintain a serger. (UEN-SCT2: Strand 2, Standard 2)
- Independently take measurements, determine pattern size, and make pattern alterations. (UEN-SCT2: Strand 4, Standard 1)
- Apply pattern preparation techniques. (UEN-SCT2: Strand 4, Standard 2)
- Use appropriate marking techniques. (UEN-SCT2: Strand 4, Standard 3)
- Use correct sewing construction techniques at the intermediate level. (UEN-SCT2: Strand 5, Standard 1)
- Practice correct application techniques for applying interfacing and attaching facings or collars. (UEN-SCT2: Strand 5, Standard 2)

**Priority Standard: Evaluate the quality of textiles, fashion, and apparel construction and fit. (16.2.7)**

Supporting Standards:

- Apply appropriate terminology for identifying, comparing, and analyzing the most common generic textile fibers and fabrics. (16.2.1)
- Evaluate performance characteristics of textile fiber and fabrics. (16.2.2)
- Analyze characteristics of textile components in the design, construction, care, use, maintenance, and disposal or recycling of products. (16.2.4)
- Demonstrate appropriate procedures for care and disposal or recycling of textile products, considering diverse needs locally and globally. (16.2.5)
- Utilize elements and principles of design in designing, constructing, and/or altering textiles, fashion, and apparel. (16.3.3)

## INDEPENDENT FASHION CONSTRUCTION: 9-12

### Independent Project Option: Draping

*Each independent project requires students to create a tailored garment using a difficult fabric (i.e.:lined blazer, using tailoring finishes). Students must use proper draping techniques to accomplish this finished garment. Difficult fabric selection will be determined by garment type, style or wear of the fabric, drapability, season of the year, etc. (chiffon shirt in the summer, linen pants in the spring, gabardine skirt in the fall, wool coat with silk lining in the winter).*

<b>Unit Essential Learning Targets</b>	
<b><i>Enduring Understandings</i></b>	<b><i>Essential Questions</i></b>
<ul style="list-style-type: none"> <li>I can select appropriate fabrics and use proper draping techniques to produce a well-fitted garment.</li> </ul>	<ul style="list-style-type: none"> <li>Which draping technique and fabric is best suited for a specific garment?</li> <li>How is garment construction affected by draping?</li> <li>What are the advantages and disadvantages of draping a garment vs. using a pattern?</li> </ul>
<b><i>Students must know:</i></b>	<b><i>Students must be able to:</i></b>
<ul style="list-style-type: none"> <li>Draping techniques</li> </ul>	<ul style="list-style-type: none"> <li>Utilize appropriate equipment and techniques to achieve design goals.</li> <li>Evaluate draping techniques for different garments and fabric choices.</li> <li>Assess how a fabric will be affected by draping.</li> <li>Demonstrate how to pin, mark, cut, and transfer a draped pattern to the construction phase.</li> </ul>

<b>NASAFACS Learning Standards</b>
<p><b>Priority Standard: Utilize elements and principles of design in designing, constructing and/or altering textiles, fashion, and apparel. (16.3.3)</b></p> <p>Supporting Standards:</p> <ul style="list-style-type: none"> <li>Evaluate performance characteristics of textile fiber and fabrics. (16.2.2)</li> <li>Evaluate quality of textiles, fashion, and apparel construction and fit. (16.2.7)</li> <li>Demonstrate design concepts using fiber, fabric, or digital means, employing draping and/or flat pattern-making techniques. (16.3.4)</li> <li>Use appropriate industry products and materials for cleaning, pressing, and finishing textiles, fashion, and apparel. (16.4.3)</li> <li>Demonstrate basic skills for production, alteration, repair, and recycling of textiles, fashion, and apparel. (16.4.5)</li> </ul>

## INDEPENDENT FASHION CONSTRUCTION: 9-12

### Independent Project Option: Slopers

*Each independent project requires students to create a tailored garment using a difficult fabric (i.e.:lined blazer, using tailoring finishes). Students must use a sloper pattern (top, bottom, dress) to fit their body measurements and demonstrate new design ideas in this finished garment. Difficult fabric selection will be determined by garment type, style or wear of the fabric, drapability, season of the year, etc. (chiffon shirt in the summer, linen pants in the spring, gabardine skirt in the fall, wool coat with silk lining in the winter).*

<b>Unit Essential Learning Targets</b>	
<b>Enduring Understandings</b>	<b>Essential Questions</b>
<ul style="list-style-type: none"> <li>I can create, then alter, a basic sloper pattern (top, bottom, dress) to fit my body measurements and to demonstrate my design ideas.</li> </ul>	<ul style="list-style-type: none"> <li>How do I use a sloper to create a unique design?</li> <li>How can a sloper help me when creating my own patterns?</li> </ul>
<b>Students must know:</b>	<b>Students must be able to:</b>
<ul style="list-style-type: none"> <li>Sloper</li> </ul>	<ul style="list-style-type: none"> <li>Utilize appropriate equipment and techniques to achieve design goals.</li> <li>Create a sloper to fit their body measurements.</li> <li>Create a unique design that fits their body using their personalized sloper.</li> </ul>

<b>NASAFACS Learning Standards</b>
<p><b>Priority Standard: Utilize elements and principles of design in designing, constructing and/or altering textiles, fashion, and apparel. (16.3.3)</b></p> <ul style="list-style-type: none"> <li>Demonstrate design concepts using fiber, fabric, or digital means, employing draping and/or flat pattern-making techniques. (16.3.4)</li> <li>Use appropriate industry products and materials for cleaning, pressing, and finishing textiles, fashion, and apparel. (16.4.3)</li> <li>Analyze current technology, trends, and innovations that facilitate designs and production of textiles, fashion, and apparel. (16.4.4)</li> <li>Demonstrate basic skills for production, alteration, repair, and recycling of textiles, fashion, and apparel. (16.4.5)</li> </ul>

## INDEPENDENT FASHION CONSTRUCTION: 9-12

### Independent Project Option: Fabric Designs

*Each independent project requires students to create a tailored garment using a difficult fabric (i.e.:lined blazer, using tailoring finishes). Students must create their own fabric designs to accomplish this finished garment. Difficult fabric selection will be determined by garment type, style or wear of the fabric, drapability, season of the year, etc. (chiffon shirt in the summer, linen pants in the spring, gabardine skirt in the fall, wool coat with silk lining in the winter).*

Unit Essential Learning Targets	
<i>Enduring Understandings</i>	<i>Essential Questions</i>
<ul style="list-style-type: none"> <li>I can create a fabric design using multiple design techniques, and use the fabric to create a garment.</li> </ul>	<ul style="list-style-type: none"> <li>What factors should be considered when choosing a fabric for a specific design?</li> <li>Which fabric design technique(s) will produce the outcome planned?</li> </ul>
<i>Students must know:</i>	<i>Students must be able to:</i>
<ul style="list-style-type: none"> <li>Fabric Printer</li> <li>Tie-Dying/Reverse Tie-Dying</li> <li>Batiking Fabrics</li> <li>Quilting/Patchwork</li> </ul>	<ul style="list-style-type: none"> <li>Utilize appropriate equipment and techniques to achieve design goals.</li> <li>Research how to apply techniques to generate desired outcomes.</li> <li>Apply a technique to create a new fabric design.</li> <li>Create a garment using a new fabric design.</li> </ul>

NASAFACS Learning Standards
<p><b>Priority Standard: Utilize elements and principles of design in designing, constructing and/or altering textiles, fashion, and apparel. (16.3.3)</b></p> <ul style="list-style-type: none"> <li>Explain the ways in which fiber, fabric, texture, pattern, and finish can affect visual appearance. (16.3.1)</li> <li>Apply basic and complex color schemes and color theory to develop and enhance visual effects. (16.3.2)</li> <li>Demonstrate design concepts using fiber, fabric, or digital means, employing draping and/or flat pattern-making techniques. (16.3.4)</li> <li>Use appropriate industry products and materials for cleaning, pressing, and finishing textiles, fashion, and apparel. (16.4.3)</li> <li>Analyze current technology, trends, and innovations that facilitate designs and production of textiles, fashion, and apparel. (16.4.4)</li> </ul>