# Apparel Production I Course No. 19201 Credit: 0.5

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| **Student name:**  |  | **Graduation Date:** |  |

Pathways and CIP Codes:Fashion, Apparel, Interior Design (19.0999)

Course Description: **Technical Level:** Clothing and Textiles courses introduce students to and expand upon the various aspects of apparel, garment construction, and the textile industry, conveying the commercial application of design principles, production processes, and maintenance techniques. These courses usually address the selection, characteristics, care, and repair of various textiles; operation and care of commercial sewing machines; design, construction, and production of fabrics and/or garments; and career opportunities in the garment or textile industry.

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Understand the nature of the fashion and apparel industry.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Analyze the production process of a garment from design to show room floor. |  |
| 1.2 | Analyze the cost of constructing, manufacturing, altering, or repairing textile, apparel, and fashion products. |  |

## Benchmark 2: Demonstrate foundational understanding of fashion, apparel and textiles.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Understand basic textile terminology including weft, warp, selvage, bias, woven, knitted, felting, nap, hand and sheen. |  |
| 2.2 | Understand the effects of textile characteristics (i.e. natural vs man-made fiber, color, pattern, weave/knit, etc.) on design, care, use, and maintenance of products. |  |
| 2.3 | Describe manufacturing processes of textile fiber and fabrics and fabric finishing to determine appropriateness to construction qualities. (i.e. woven vs knits/looping, felting, dying vs printed pattern, soil resistance, microfiber). |  |
| 2.4 | Explain the ways in which fabric selection influences garment design (i.e. fiber, fabric characteristics, texture, pattern, and finish).  |  |
| 2.5 | Use correct terminology for identifying, comparing, and analyzing the most common textile fibers. |  |
| 2.6 | Understand textile labeling information in regards to apparel construction textiles. |  |
| 2.7 | Identify appropriate procedures for care of textile product.  |  |

## Benchmark 3: Demonstrate foundational knowledge and skills of equipment and procedures used in fashion and apparel.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 3.1 | Demonstrate basic understanding of construction content and technical vocabulary (i.e. pattern symbols, notch, baste, seam allowance, grade, trim, backstitch, darts, topstitch, basic hand stitches, basic overlock, hems & casings, zipper applications, etc.). |  |
| 3.2 | Interpret product information and operational documents such as pattern envelopes, guide sheets, pattern symbols and textile labeling. |  |
| 3.3 | Reference reliable sources of information and use informational texts, internet, and/or technical materials to determine a quality apparel product. |  |
| 3.4 | Analyze impact of failing to follow data and measurements to solve a sewing construction problem (i.e. incorrect sides of fabric sewn together, skipping a step of the construction process, incorrect measurement, wrong seam allowance width, etc.). |  |
| 3.5 | Demonstrate skills in using a variety of production equipment, tools, and supplies according to user manuals and instructions given for fashion, apparel, and textile construction; as well as the alteration, care and repair of garments. |  |
| 3.6 | Interpret tables, charts, and figures from a pattern envelope or instruction guide sheet to support the garment production process. |  |

## Benchmark 4: Enhance career readiness in the fashion, apparel and textiles industries.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 4.1 | Participate in civic/community leadership and teamwork opportunities to enhance customer relation skills (i.e. FCCLA). |  |
| 4.2 | Demonstrate knowledge of basic arithmetic operations such as addition, subtraction, multiplication, division and working with fractions when measuring, for the apparel production process. |  |
| 4.3 | Use structured problem-solving methods and critical thinking skills when developing solutions for a garment construction problem.  |  |
| 4.4 | Develop personal goals and objectives, including prioritizing tasks to be completed using timelines and time management knowledge and skills to improve workflow. |  |
| 4.5 | Demonstrate safe work habits and procedures, including injury protocol for reporting and handling accidents and safety incidents in a production lab (i.e. electrical equipment, cutting tools, storage of equipment, first aid, etc.). |  |
| 4.6 | Demonstrate ability to communicate and resolve conflicts in lab settings. |  |
| 4.7 | Working with others in lab settings, and using positive interpersonal and teamwork skills, achieve personal project objectives in a timely manner (i.e. project management: follow directions, take responsibility, respect for others and cooperation). |  |
| 4.8 | Manage personal work habits to accomplish assignments. |  |
| 4.9 | Communicate goal achievement with teachers and peers. |  |
| 4.10 | Create an electronic or physical portfolio for use in demonstrating knowledge, skills and experiences to include evaluations of garments, product samples, and pictures of completed work. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

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