

**FASH 121 Course Outline as of Fall 2021****CATALOG INFORMATION**

Dept and Nbr: FASH 121 Title: KNITWEAR CONSTRUCTION

Full Title: Knitwear Construction

Last Reviewed: 2/8/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	1.50	17.5	Lecture Scheduled	26.25
Minimum	2.00	Lab Scheduled	2.50	6	Lab Scheduled	43.75
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 52.50

Total Student Learning Hours: 122.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

Students will learn industry techniques for sewing knitwear apparel including sportswear separates, lingerie, and activewear. Machine skills include use of specialized knit stitches on computer sewing machines, sergers, and cover-stitch machines.

**Prerequisites/Corequisites:****Recommended Preparation:**

Course Completion of FASH 70A

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Students will learn industry techniques for sewing knitwear apparel including sportswear separates, lingerie, and activewear. Machine skills include use of specialized knit stitches on computer sewing machines, sergers, and cover-stitch machines. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Course Completion of FASH 70A

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>		Effective:	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

**Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Students will employ techniques appropriate for knit fabrics to construct several garments.

**Objectives:**

At the conclusion of this course, the student should be able to:

1. Identify different types of knit fabrics and their weights and stretch ratios.
2. Apply basic fitting and construction techniques for knits.
3. Select suitable patterns and fabrics for a variety of knit garments.
4. Employ machine skills for working with knits on computerized sewing machines, sergers, and cover-stitch machines.
5. Assemble beginning to advanced knit garments implementing techniques unique to knit garment construction.

**Topics and Scope:**

- I. Knit Fabrics and Stretch Ratios
- II. Patterns Selections and Suitable Fabrics
- III. Sizing Knit Garments
- IV. Pattern Variations
  - A. Sportswear separates
  - B. Lingerie
  - C. Activewear
- V. Layout and Cutting Techniques
- VI. Construction Techniques for Knit Fabrics
  - A. Seaming techniques
    1. Serged
    2. Zig Zag
    3. Cover-stitch

- a. 3-thread
  - b. 4-thread
  - c. Chain
- 4. French
- 5. Machine stretch stitches
- B. Hem Finishes
  - 1. Twin needle
  - 2. Three thread cover-stitch
  - 3. French
- C. Edge Finishes
  - 1. Self-binding
  - 2 Ribbed binding
  - 3. Lace trimmed
  - 4. Picot
- D. Elastic Application
  - 1. Selection
  - 2. Calculating
  - 3. Installation
- E. Stretch Lace Application
  - 1. Joining and mitering lace
  - 2. Circular construction
  - 3. Applique

All topics are covered in the lecture and lab portions of the course.

### **Assignment:**

Lecture-Related Assignments:

- 1. Reading: 8-10 pages per week
- 2. Quizzes (3-4)

Lab-Related Assignments:

- 1. Construct 12-15 seam, neckline, elastic, stretch lace, and hem sample assignments.
- 2. Construct and fit a tee-shirt, tunic, or dress using specialized machine techniques.
- 3. Construct two lingerie items using appropriate fabrics and construction techniques.
- 4. Construct an activewear garment using industry machine skills.

### **Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Final Projects (construct sportswear, lingerie, and activewear garments)

Problem solving  
30 - 50%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Construct seam; tee shirt, tunic or dress

Skill Demonstrations  
30 - 40%

**Exams:** All forms of formal testing, other than skill performance exams.

Quizzes

Exams  
10 - 15%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation

Other Category  
10 - 20%

**Representative Textbooks and Materials:**

Sewing with Knits and Stretch Fabrics. Czachor, Sharon L. Fairchild Books. 2016 (classic)