SAN DIEGO COMMUNITY COLLEGE DISTRICT
COLLEGE OF CONTINUING EDUCATION
COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER

CLTX 512

COURSE TITLE

SEWN PRODUCT CONSTRUCTION 2

TYPE COURSE

NON-FEE   VOCATIONAL

CATALOG COURSE DESCRIPTION

This course advances the basic sewist to an intermediate skill level. Intermediate skills developed include sewing products with multiple pattern pieces, sewing and matching patterned textiles, complex seams and finishes, sewing plackets, collars, and sleeves, and understanding various interfacings. Skills are taught using project based learning principles with hands-on experiences evidenced by completed projects and a skills portfolio emphasizing product quality and sustainable practices. (FT)

LECTURE/LABORATORY HOURS

72 - 80

ADVISORIES

Completion of CLTX 511 Sewn Product Construction 1 with a grade of 'C' or better, or equivalent

RECOMMENDED SKILL LEVEL

Basic computer literacy and knowledge of general math.

INSTITUTIONAL STUDENT LEARNING OUTCOMES

1. Social Responsibility
    SDCCE students demonstrate interpersonal skills by learning and working cooperatively in a diverse environment.
2. Effective Communication
    SDCCE students demonstrate effective communication skills.

3. Critical Thinking
   SDCCE students critically process information, make decisions, and solve problems independently or cooperatively.
4. Personal and Professional Development
   SDCCE students pursue short term and life-long learning goals, mastering necessary skills and using resource management and self-advocacy skills to cope with changing situations in their lives.
5. Diversity, Equity, Inclusion, Anti-Racism, and Access
   SDCCE students critically and ethically engage with local and global issues using principles of equity, civility, and compassion as they apply their knowledge and skills: exhibiting awareness, appreciation, respect, and advocacy for diverse individuals, groups, and cultures.

COURSE GOALS

1. Learn intermediate sewn product sewing skills used to construct more complex apparel and sewn products.
2. Gain knowledge of equipment and tools used at the intermediate sewing skill level.
3. Increase knowledge of fibers and fabrics when used in more complex garments.
4. Learn intermediate level sewn product construction terms.
5. Gain an understanding of sewing order of operations for products constructed from multiple pattern pieces.
6. Increase the understanding of how quality and sustainable principles effect the finished product.
7. Gain an understanding of entrepreneurial and soft skills and their importance in the workplace.

COURSE OBJECTIVES

Upon successful completion of the course the student will be able to:

1. Create sewn products using intermediate sewing construction skills.
2. Identify and demonstrate the use of tools and machines used at the intermediate level for sewing more complex sewn products.
3. Select appropriate fibers and fabrics to construct an intermediate level sewing project.
4. Demonstrate competence of sewn product construction terms as evidenced by following a pattern guide-sheet to complete a sewing project.
5. Construct a sewn product using a pattern of multiple pieces and more complex order of operations.
6. Define, explain and use sustainable cut and sew practices to construct a more complex sewn product.
7. Compute the cost of time and materials for the completed sewn product project.
8. Evaluate quality of completed sewn product project.

9. Demonstrate competence of intermediate sewn product construction skills as evidenced by completing a skills portfolio.
10. Explain entrepreneurial and soft skills and their application in the workplace.

SECTION II

COURSE CONTENT AND SCOPE

1. Introduction to Sewn Product Construction 2 & Clothing & Textiles Certificate Programs
    1.1. Clothing and Textile (CLTX) programs and pathways
        1.1.1. San Diego College of Continuing Education (SDCCE) programs and pathways
        1.1.2. Credit by exam
    1.2. Course learning management system
        1.2.1. Canvas
        1.2.2. Other supporting software used
2. Review Essential Entrepreneurial and Soft Skills in the Classroom and Work Environments
    2.1. Definition of entrepreneurial and soft skills
    2.2. Examples of entrepreneurial and soft skills
        2.2.1. Communication skills
        2.2.2. Conflict resolution skills
        2.2.3. Problem solving
        2.2.4. Design thinking
        2.2.5. Digital tool skills
3. Sewn Product Planning
    3.1. Design elements of a garment or sewn product
        3.1.1. Line
        3.1.2. Proportion
        3.1.3. Color
    3.2. Fabric selection
        3.2.1. Textile Fibers
            3.2.1.1. Natural
            3.2.1.2. Synthetic
            3.2.1.3. Blended
            3.2.1.4. Non-woven
            3.2.1.5. Woven
            3.2.1.6. Knits
            3.2.1.7. Innovative textiles
        3.2.2. Textiles suited for course projects
            3.2.2.1. Qualities of textile
            3.2.2.2. Constructing with the textile
            3.2.2.3. Maintenance of the textiles

4. Planning the Application of Sustainable Industry Practices for the Course Sewing Project
    4.1. Definition
    4.2. Impact of industry on environment
    4.3. Zero waste
    4.4. Repurposing
    4.5. Overview of current practices and trends
    4.6. Planning and creating a sustainable project order of operations
5. Selection, Use, Maintenance of Equipment, Tools and Supplies Used For Intermediate Sewing Level
    5.1. Review of sewing machine types
        5.1.1. Domestic
        5.1.2. Sergers
        5.1.3. Industrial
    5.2. Sewing tools and notions
        5.2.1. Types and uses
    5.3. Pressing tools and equipment used with more complex sewing projects
        5.3.1. Irons
            5.3.1.1. Proper use and maintenance
        5.3.2. Press cloth
        5.3.3. Tailor's ham
        5.3.4. Seam roll
        5.3.5. Sleeve board
        5.3.6. Clapper
        5.3.7. Point presser
        5.3.8. Tailor's board
    5.4. Sourcing supplies
    5.5. Safety
6. Intermediate Pre-Construction Skill Development
    6.1. Review of math skills required for sewn product construction
        6.1.1. Measurement systems and conversion tools
        6.1.2. Math terminology
        6.1.3. Basic math operations
    6.2. Patterns with multiple pattern pieces
        6.2.1. Sizing
            6.2.1.1. Comparison of ready to wear, commercial patterns and industry patterns
            6.2.1.2. Determining size
            6.2.1.3. Discussion about fitting techniques
        6.2.2. Commercial patterns
            6.2.2.1. Envelope and guide sheet

       7.4.   Collars
       7.5.   Cuffs
       7.6.   Sleeves
            7.6.1. Sleeve types
            7.6.2 Flat application
            7.6.3. Set-in application
            7.6.4. Sleeve plackets
       7.7.   Buttonholes
       7.8.   Buttons
       7.9.   Facings
       7.10.   Hems
       7.11.   Necklines
       7.12.   Zipper applications
            7.12.1. Lapped zipper
            7.12.2. Invisible zipper
            7.12.3. Centered zipper
8.   Sewn Product Quality
      8.1.   Checking finished product specifications
      8.2.   Self-evaluating sewn products
9.   Sewn Product Cost
      9.1.   Project cost analysis activity
10.   Sewing Skills Portfolio Preparation
      10.1. Characteristics of a professional portfolio

APPROPRIATE READINGS

Reading assignments may include, but are not limited to, subject matter textbooks, workbooks, instructor written handouts, industry-related publications, online help pages, articles posted on the internet, information from web sites, online libraries, resource manuals, videos and tutorials. Topics will be related to sewn product sewing construction and the cut and sew industry.

WRITING ASSIGNMENTS

Appropriate writing assignments may include, but are not limited to:

1. Maintain a portfolio of class notes, technique samples and assignments.
2. Plan sewn product projects using planning document(s).
3. Calculate the cost of the finished sewn product project(s).

OUTSIDE ASSIGNMENTS

Outside assignments may include, but are not limited to:

1. Independent, further exploration of a class topic.
2. Independent research on developments and new trends in the clothing and textile industry.
3. Practical application of essential sewing skills on garments or sewn products outside of class assignments.
4. Practical application of sustainable best practices learned in class.

APPROPRIATE ASSIGNMENTS THAT DEMONSTRATE CRITICAL THINKING

Assignments that demonstrate critical thinking may include, but are not limited to:

1. Student self-evaluation of the completed sewn product projects using designated rubric.
2. Use pattern layout diagrams and print matching techniques to place pattern pieces onto fabric for cutting.
3. Use a pattern guide sheet or written tutorial to correctly complete sewn product project.
4. Apply intermediate sewing construction skills to complete the sewn product projects.

EVALUATION

A student's competency will be based on multiple measures of performance. Assessment will measure the development of independent critical thinking and basic sewing skills. Evaluation of the student's ability will be based on, but not limited to, the following criteria:

1. Completion of the course intermediate sewn product project(s).
2. Completion of a sewing skills portfolio demonstrating competence of intermediate sewing techniques.
3. Completion of participation requirements.

Upon successful completion of all courses included in the program, a Certificate of Program Completion will be issued.

METHOD OF INSTRUCTION

Methods of instruction will include, but are not limited to:

1. Classroom lectures
2. Demonstrations
3. Laboratory
4. Classroom discussions
5. Project based learning opportunities
6. Work based learning opportunities
7. Web-based resources
8. Field trips
9. Guest speakers
10. Video resources

11. Collaborative learning
12. Individual/small group instruction

This course, or sections of this course, may be offered through distance education.

TEXTS AND SUPPLIES

New Complete Guide to Sewing, Reader's Digest Association, Reader's Digest, current edition
Successful Sewing, Westfall, M., Goodheart-Wilcox Company, Inc., current edition
The Sewing Book: An Encyclopedic Resource of Step-by-Step Techniques, Smith, Allison, DK, current edition
Sewing with Knits and Stretch Fabrics, Czachor, S., New York: Fairchild Books, current edition

Web Resources:
Sewing.org, http://sewing.org/html/guidelines.html

Periodicals:
Threads
Woman's Wear Daily
California Apparel News
Business of Fashion
Sew News

Supplies: The student will provide the required sewing and project supplies as listed on class syllabus. The student will need access to a sewing machine outside of the classroom to complete the required assignments, projects, and portfolio.

PREPARED BY: Shirley Pierson MFA   DATE: November 2023

Instructors must meet all requirements stated in Policy 5500 (Student Rights, Responsibilities and Administrative Due Process), and the Attendance Policy set forth in the Continuing Education Catalog.

REFERENCES:

San Diego Community College District Policy 5500
California Community Colleges, Title 5, Section 55002
Continuing Education Catalog