

**Florida Department of Education
CLUSTER CURRICULUM FRAMEWORK**

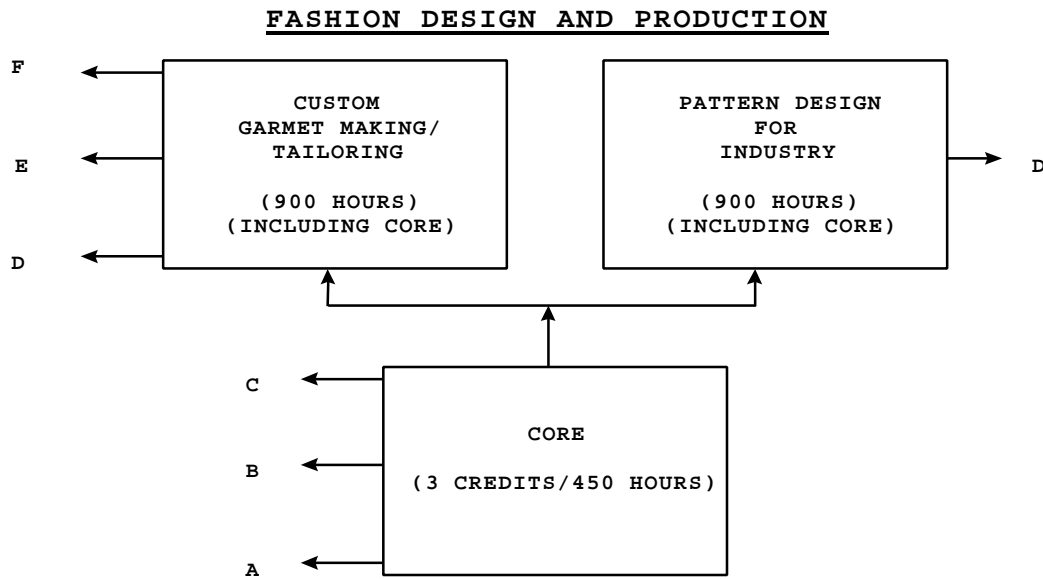
Cluster Title: Fashion Design & Production
Cluster Type: Job Preparatory
Occupational Area: Family And Consumer Sciences
Components: Core, Two Career Programs

	<u>Secondary</u>	<u>PSAV</u>
Grade Level:	9-12, 30, 31	30, 31
Facility Code:	234	234
CTSO	FCCLA	
Coop Method	YES	YES
Apprenticeship		
Basic Skills Level		
Math		9
Reading		9
Language		9

- I. **PURPOSE:** The Fashion Design and Production cluster is designed to prepare students for the initial employment in the garment and textile industry as seamstresses or machine operators. The core has the foundation and basic skills so the student may progress to the other programs of the Fashion Design and Production cluster.
- II. **CLUSTER STRUCTURE:** This cluster is part of the Fashion Design & Production sequence of instruction. The core contains the basic fundamentals necessary for completion of either program. The student may take the core at the secondary level for three (3) credits or if only part of the core is completed at the secondary level she/he may take the remaining competencies at the postsecondary level or the total core may be taken at the postsecondary level. The core includes the generic skills needed for the programs of Fashion Design & Production such as: employability skills, leadership and organizational skills, workplace safety, SCANS competencies, entrepreneurship skills and balancing family, school and work.

Students must complete the core or demonstrate the mastery of skills and standards contained in the core, before advancing in either program.

The following diagram illustrates the program structure:



CUSTOM GARMET MAKING/TAILORING

- A. Seamstress - OES 92717 - 150 Hours/1 Credit
- B. Power Machine Operator - OES 89599 - 300 Hours/2 Credits
- C. Alterationist - DOT 785.261-010 - 450 Hours/3 Credits
- D. Dress/Costume Maker - DOT 785.361-010 - 600 Hours/4 Credits
- E. Alterationist for Fine Clothing -DOT 785.361-022 750 Hours/5 Credits
- F. Custom Tailor - DOT 785.261-014 - 900 Hours/6 Credits

PATTERN DESIGN FOR INDUSTRY

- A. Seamstress - OES 92717 - 150 Hours/1 Credit
- B. Power Machine Operator - OES 89599 - 300 Hours/2 Credits
- C. Alterationist - DOT 785.261-010 - 450 Hours/3 Credits
- D. Sample Maker/Pattern Drafter - DOT 785.361-018 - 900 Hours/6 Credits

When offered at the **secondary level** the programs in this cluster consist of the following courses which include the core:

CUSTOM GARMET MAKING/TAILORING

- 8506310 - Fashion Production 1
- 8506320 - Fashion Production 2
- 8506330 - Fashion Production 3
- 8506510 - Custom Garment Making/Tailoring 4
- 8506520 - Custom Garment Making/Tailoring 5
- 8506530 - Custom Garment Making/Tailoring 6

PATTERN DESIGN FOR INDUSTRY

- 8506310 - Fashion Production 1
- 8506320 - Fashion Production 2
- 8506330 - Fashion Production 3
- 8506610 - Pattern Design for Industry 4
- 8506620 - Pattern Design for Industry 5
- 8506630 - Pattern Design for Industry 6

The following are **PSAV** programs

- V200313 - Custom Garment Making/Tailoring
- V200315 - Pattern Design for Industry

III. **SPECIAL NOTE:** Family Career and Community Leaders of America (FCCLA), is the appropriate career and technical student organization (ctso) for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations, when provided, shall be an integral part of the instructional program, and the activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, FAC.

Classroom and laboratory activities are an integral part of this program including the safe use and maintenance of equipment, tools and instruments used in the industry.

The programs in this cluster may be offered in **PSAV courses**. Vocational credit shall be awarded to the student on a transcript in accordance with Section 230.643, F.S.

Cooperative training - OJT is appropriate for this program. Whenever cooperative training - OJT is offered, the following are required for each student: a training plan, signed by the student, teacher, and employer, which includes instructional objectives and a list of on-the-job and in-school learning experiences; a workstation that reflects equipment, skills and tasks that are relevant to the occupation which the student has chosen as a career goal. The student must receive compensation for work performed.

In accordance with Rule 6A-10.040, FAC, the minimum basic-skills grade levels required for adult vocational students to exit this program are: Mathematics 9.0, Language 9.0, Reading 9.0. These grade-level numbers correspond to grade-equivalent scores obtained on one of the state-designated basic-skills examinations. If a student does not meet the basic-skills level required for completion of the program, remediation should be provided concurrently in the System for Applied Individualized Learning (SAIL) or a remedial lab. Please refer to the Rule for exemptions.

When a secondary student with a disability is enrolled in a vocational class with modifications to the curriculum framework, the particular outcomes and student performance standards which the student must master to earn credit must be specified in the student's individual educational plan (IEP). Additional credits may be earned when outcomes and standards are mastered in accordance with the requirements indicated in subsequent IEPs. The job title for which the student is being trained must be designated in the IEP.

SCANS Competencies: Instructional strategies for this program must include methods that require students to identify, organize, and use resources appropriately; to work with each other cooperatively and productively; to acquire and use information; to understand social, organizational, and technological systems; and to work with a variety of tools and equipment. Instructional strategies must also incorporate the methods to improve students' personal qualities and higher-order thinking skills.

Equipment List: A generic equipment list is available for the programs in this cluster and is printed in a supplement to this document.

Florida Department of Education
INTENDED OUTCOMES

Program Title: Custom Garment Making/Tailoring

	<u>Secondary</u>	<u>PSAV</u>
Program Numbers:	8506500	V200313
CIP Number:	0420030404	0420030404
Grade Level:	9-12, 30, 31	30, 31
Length:	6 credits	900 hours
Certification:	VOC HME EC @4	VOC HME EC @2 @4
	TAILORING ¢7	TAILORING @7 G
	GEN HME EC @4	GEN HME EC @2 @4
	HME EC OCC ¢7	HME EC OCC @7 G
	APPRL MFG ¢7	APPRL MFG @7 G
	HOMEMAKING @2 ¢7	HOMEMAKING @2 @7 G
	HOME EC 1 @2	HOME EC 1 @2
Basic Skills		
Math	9	
Language	9	
Reading	9	

INTENDED OUTCOMES: After successfully completing appropriate course(s) for each occupational completion point of this program, the student will be able to perform the following:

OCCUPATIONAL COMPLETION POINT - DATA CODE - A

SEAMSTRESS - OES 92717

- 01.0 Identify employment opportunities.
- 02.0 Demonstrate appropriate basic skills essential to working in fashion production.
- 03.0 Demonstrate leadership and organizational skills.
- 04.0 Select, use and care for tools, equipment and supplies.
- 05.0 Identify textile characteristics and care.
- 06.0 Identify and practice safety procedures.
- 07.0 Operate and maintain a conventional sewing machine.
- 08.0 Demonstrate skill in construction of simple garments.
- 09.0 Operate and maintain a conventional serger.
- 10.0 Demonstrate intermediate construction techniques by constructing garment(s).

OCCUPATIONAL COMPLETION POINT - DATA CODE - B

POWER MACHINE OPERATOR - OES 89599

- 11.0 Operate and maintain a power sewing machine.
- 12.0 Identify and practice safety procedures.
- 13.0 Select and prepare materials.
- 14.0 Select and use hand tools and supplies.
- 15.0 Select and use specialized equipment to construct intermediate/advanced garment(s).

OCCUPATIONAL COMPLETION POINT - DATA CODE - C

ALTERATIONIST - DOT 785.361-010

- 16.0 Recognize components of the garment industry.
- 17.0 Demonstrate commercial sewing skills.
- 18.0 Alter garments.
- 19.0 Demonstrate clothing repair.
- 20.0 Demonstrate employability skills.
- 21.0 Demonstrate an understanding of entrepreneurship.

OCCUPATIONAL COMPLETION POINT - DATA CODE - D

DRESS COSTUME MAKER - DOT 785.361-010

- 22.0 Demonstrate garment construction skills.
- 23.0 Manage resources.
- 24.0 Construct specialty garments.

OCCUPATIONAL COMPLETION POINT - DATA CODE - E

SHOP TAILOR - DOT 785.361-022

- 25.0 Demonstrate garment alteration.
- 26.0 Demonstrate clothing repair.

OCCUPATIONAL COMPLETION POINT - DATA CODE - F

TAILOR - DOT 785.261-014

- 27.0 Construct tailored garments.
- 28.0 Draft, design, or drape garments or patterns and construct garments from these patterns.
- 29.0 Participate in student internship.

**Florida Department of Education
INTENDED OUTCOMES**

Program Title: Custom Garment Making/Tailoring
Secondary Number: 8506500
Post Secondary Number: V200313

OCCUPATIONAL COMPLETION POINT - DATA CODE A

SEAMSTRESS - OES 92717

01.0 IDENTIFY EMPLOYMENT OPPORTUNITIES--The student will be able to:

LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4,
 LA.A.2.4.7, LA.A.2.4.8, SC.H.3.4.5, VA.E.1.4.2, VA.E.1.4.3

- 01.01 Identify occupations in the garment industry.
- 01.02 Identify levels of training required for apparel production occupations.
- 01.03 Identify duties and responsibilities in apparel production occupations.
- 01.04 Identify ways to achieve job advancement in the garment industry.
- 01.05 Identify career options in garment making, such as entrepreneurship.
- 01.06 Analyze current trends as they may affect the future of the industry.
- 01.07 Identify different earning and wage level options in the garment industry.

02.0 DEMONSTRATE APPROPRIATE BASIC SKILLS ESSENTIAL TO WORKING IN APPAREL PRODUCTION--The student will be able to:

LA.B.2.4.1, LA.B.2.4.4, MA.B.2.4.1, MA.B.2.4.2, MA.B.3.4.3,
 MA.B.4.4.1, SC.H.3.4.5

- 02.01 Identify the mathematics knowledge, skills and attitudes necessary to perform the occupation.
- 02.02 Identify the communication knowledge, skills and attitudes necessary to perform the occupation tasks.
- 02.03 Identify the scientific knowledge, skills and attitudes necessary to perform the occupation tasks.
- 02.04 Demonstrate math competencies necessary to perform the occupation tasks.
- 02.05 Demonstrate communication competencies necessary to perform the occupation tasks.
- 02.06 Demonstrate scientific competencies necessary to perform the occupation tasks.

03.0 DEMONSTRATE LEADERSHIP AND ORGANIZATIONAL SKILLS--The student will be able to:

LA.C.1.4.1, LA.C.1.4.2, LA.C.1.4.3, LA.C.1.4.4, MA.A.4.4.1,
 MA.A.4.4.3, MA.A.4.4.4, MA.E.3.4.1, MA.E.3.4.2, HE.B.3.4.1,
 HE.B.3.4.2, HE.B.3.4.3, HE.B.3.4.4, HE.B.3.4.5, HE.B.3.4.6,
 HE.C.1.4.5, HE.C.1.4.6, HE.C.2.4.4, HE.C.2.4.5, HE.C.2.4.6

- 03.01 Identify professional and youth organizations.
- 03.02 Identify purposes and functions of professional and youth organizations.
- 03.03 Identify roles and responsibilities of members.
- 03.04 Demonstrate cooperation as a group member in achieving organizational goals.
- 03.05 Demonstrate confidence in leadership roles and organizational responsibilities.

- 04.0 SELECT, USE AND CARE OF TOOLS, EQUIPMENT AND SUPPLIES--The student will be able to:
- LA.A.1.4.3, LA.C.3.4.3, MA.B.1.4.3
- 04.01 Identify and demonstrate the selection and use of shears, rotary cutter and other high-tech cutting equipment.
04.02 Identify and demonstrate the selection and use of machine maintenance equipment.
04.03 Identify and demonstrate the use of measuring tools.
04.04 Identify and demonstrate the use of pressing equipment.
- 05.0 IDENTIFY TEXTILE CHARACTERISTICS AND CARE--After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4, SC.H.3.4.4, SC.G.2.4.6
- 05.01 Identify and describe fiber characteristics.
05.02 Identify and describe types of fabric construction.
05.03 Identify and describe types of fabric finishes.
05.04 Identify and describe types of textiles.
05.05 Identify laws and regulations governing the textile industry including labeling laws.
- 06.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 06.01 Identify and demonstrate safety procedures in using conventional sewing machines and home sergers.
06.02 Identify and demonstrate safety procedures in using pressing equipment.
06.03 Identify and demonstrate safety procedures in using small hand tools.
06.04 Identify and demonstrate workroom safety procedures.
- 07.0 OPERATE AND MAINTAIN A CONVENTIONAL SEWING MACHINE-- After a teacher demonstration, textbook/multi-media research or following manufacturer's instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 07.01 Identify the process and demonstrate needle insertion, picking the right size needle for the fabric.
07.02 Identify the steps and demonstrate threading the sewing machine.
07.03 Diagram and demonstrate bobbin winding, threading the bobbin case, and inserting the bobbin correctly into the sewing machine.
07.04 Demonstrate straight stitching.
07.05 Demonstrate stitch length and width selection.
07.06 Identify and demonstrate utility and decorative stitches.
07.07 Identify the tension and demonstrate tension adjustment.
07.08 Demonstrate cleaning and lubricating the machine following manufacturer's directions.
07.09 Demonstrate light bulb replacement.
- 08.0 DEMONSTRATE SKILL IN CONSTRUCTION OF SIMPLE GARMENTS--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3, MA.B.3.4.1, MA.B.4.4.1,
MA.B.4.4.2, VA.E.1.4.2

- 08.01 Identify common ready to wear sizes.
- 08.02 Identify and describe characteristics of a properly fitted garment.
- 08.03 Take accurate body measurements, select pattern size and determine figure type.
- 08.04 Interpret verbal, written, and visual directions.
- 08.05 Prepare fabric and adjust patterns following pattern directions.
- 08.06 Lay out, pin, cut, and mark fabric according to pattern specifications.
- 08.07 Demonstrate stay stitching and ease stitching.
- 08.08 Demonstrate stitching darts and tucks.
- 08.09 Identify and match garment pieces using markings and stitching following directions.
- 08.10 Demonstrate correct pressing techniques following fabric requirements.
- 08.11 Demonstrate casing and elastic installation.
- 08.12 Demonstrate machine hemming following machine manual instructions.

- 09.0 OPERATE AND MAINTAIN A CONVENTIONAL SERGER-- After a teacher demonstration, textbook/multi-media research or following sample/pattern instructions, the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3

- 09.01 Identify types of sergers and their characteristics.
- 09.02 Demonstrate threading of the serger following manufacturer's directions.
- 09.03 Demonstrate tension setting following the manufacturer's directions.
- 09.04 Demonstrate cleaning and care of the serger following manufacturer's instructions.
- 09.05 Demonstrate a rolled hem, flat lock, and pin tucking following sample directions.
- 09.06 Demonstrate replacing knives, needles, and light bulbs following manufacturer's directions.
- 09.07 Demonstrate constructing a garment using the serger.

- 10.0 DEMONSTRATE INTERMEDIATE CONSTRUCTION TECHNIQUES CONSTRUCTING GARMENT(S)--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.2, LA.C.1.4.1, LA.C.3.4.3

- 10.01 Apply fusible and nonfusible interfacing according to manufacturer's instructions.
- 10.02 Apply shaped facings.
- 10.03 Apply zippers using different methods, following manufacturer's directions.
- 10.04 Demonstrate understitching following prescribed directions.
- 10.05 Apply waistbands and cuffs following prescribed directions.
- 10.06 Make machine buttonholes according to manufacturer's instructions.
- 10.07 Make and attach collars according to pattern/teacher instructions.
- 10.08 Set in sleeve according to manufacturer's instructions.
- 10.09 Put in side seam pockets; make and apply patch pockets according to manufacturer's specifications.
- 10.10 Demonstrate hand hemming following prescribed directions.

OCCUPATIONAL COMPLETION POINT - DATA CODE - B

- 11.0 OPERATE AND MAINTAIN POWER SEWING MACHINES-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.2.4.1, MA.B.2.4.2

- 11.01 Diagram and thread the machine.
- 11.02 Diagram, install and thread needle.
- 11.03 Orally describe and demonstrate how to adjust needle bar.
- 11.04 Remove and replace bobbin case.
- 11.05 Describe how to and adjust bobbin winder.
- 11.06 Select stitch length and width appropriate to sewing method.
- 11.07 Adjust and control foot pedal.
- 11.08 Determine tension needed for fabric/thread and adjust tension.
- 11.09 Determine knee lift placement and adjust knee lift.
- 11.10 Research characteristics of an appropriate chair for sewing and select proper chair.
- 11.11 Demonstrate methods of feeding fabric into machine.
- 11.12 Ease in fullness according to pattern requirements.
- 11.13 Measure with gauge(s) as required by the pattern directions.
- 11.14 Clean and oil machine according to manufacturer instruction.
- 11.15 Identify and remove throat plate and clean hook.
- 11.16 Identify and remove throat plate and clean feed dog.
- 11.17 Select and install attachments according to manufacturer's instructions.
- 11.18 Select and replace light bulbs or fuses following prescribed instructions.

- 12.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES--The student will be able to:

LA.C.3.4.3, LA.C.3.4.4

- 12.01 In an oral or written report, identify and demonstrate safety procedures using power sewing, cutting, and specialty machines.
- 12.02 In an oral or written report, identify and demonstrate safety procedures maintaining, cleaning, and repairing power machines.
- 12.03 In an oral or written report, identify and demonstrate safety procedures for using computerized monogram machine and data stitch punching system.

- 13.0 SELECT AND PREPARE MATERIALS--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.1.4.3, LA.C.3.4.3, VA.A.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3

- 13.01 Identify and match pattern pieces.
- 13.02 Read and interpret instructions and specifications.
- 13.03 Identify fabric content.
- 13.04 Lay out fabrics according to pattern/teacher instructions.
- 13.05 Match grain lines and patterns according to pattern/teacher instructions.
- 13.06 Match plaids, stripes and one-way designs following specified instructions.
- 13.07 Match patterns or garments to work tickets according to manufacturer's process.
- 13.08 Mark and cut using special tables and cutting equipment.
- 13.09 Line up notches, dots, or clips according to pattern/teacher instructions.

- 13.10 Mark fabric for assembly according to pattern/teacher instructions.
- 13.11 Mark fabric for trims according to pattern/teacher instructions.
- 13.12 Match thread with fabric synthesizing visual arts knowledge.
- 13.13 Separate and bundle garments according to specifications of manufacturer.
- 13.14 Interpret work tickets.
- 13.15 Stitch on woven, stretch, or specialty fabrics using appropriate stitch length for fabrics.
- 13.16 Select and use content label(s) according to fabric requirements.
- 13.17 Select and use hide puncher.
- 13.18 Make an oral or written report about the particular difficulties and enjoyments of classroom work.

14.0 SELECT AND USE HAND TOOLS AND SUPPLIES--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4

- 14.01 Identify, select and use scissors for proper action.
- 14.02 Identify, select and use tweezers according to given instructions.
- 14.03 Identify, select and use screwdrivers according to given instructions.
- 14.04 Identify, select and use correct hammer according to given instructions.
- 14.05 Identify, select and use wrenches according to given instructions.
- 14.06 Identify, select and use hand turner according to given instructions.
- 14.07 Identify, select and use measuring instruments.
- 14.08 Identify, select and use pins for specific fabric construction job.
- 14.09 Select and use markers according to pattern/manufacturer's instructions.
- 14.10 Identify, select and install needles following teacher/manufacturer's instructions.
- 14.11 Select and thread bobbin cases following teacher/manufacturer's instructions
- 14.12 Identify, select and use content label(s).
- 14.13 Select and use attachments (i.e. for binding, folding, etc.) using the machine manual as a guide.

15.0 SELECT AND USE SPECIALIZED EQUIPMENT TO CONSTRUCT INTERMEDIATE/ADVANCED GARMENT(S)-- After a teacher demonstration, textbook/multi-media research and/or written oral report/discussion or following sample instructions, the student will be able to identify and operate: (Select equipment as appropriate for students occupational outcome)

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, SC.H.3.4.2

- 15.01 Pleater.
- 15.02 Binding machine.
- 15.03 Button machine.
- 15.04 Buttonhole machine.
- 15.05 Serger.
- 15.06 Blindstitch machine.
- 15.07 Straight stitch machine.
- 15.08 Ruffler.
- 15.09 Chain stitch machine.
- 15.10 Hole punch machine.
- 15.11 Cutting machine.

- 15.12 Elastic hemmer.
- 15.13 Elastic machine.
- 15.14 Hook and eye machine.
- 15.15 Bar-tack.
- 15.16 Zigzag machine.
- 15.17 Electronic programmable machines.

OCCUPATIONAL COMPLETION POINT - DATA CODE - C

ALTERATIONIST - DOT 785.361-010

- 16.0 RECOGNIZE COMPONENTS OF THE GARMENT INDUSTRY--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.A.2.4.6, LA.B.2.4.4

- 16.01 Identify and describe programs of the trade.
- 16.02 Identify labels, designers, manufacturers and stores used within the garment industry.
- 16.03 Define terminology used with in the fashion/garment industry.

- 17.0 DEMONSTRATE COMMERCIAL SEWING SKILLS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3

- 17.01 Remove stitches in ready-made garments without damaging fabric.
- 17.02 Perform basic hand stitches to include backstitch, half-backstitch, catch stitch, fell stitch, and button stitch following sample instructions.
- 17.03 Select machine stitch, stitch length, tension, needle and thread for use with various fabrics according to instructions.
- 17.04 Construct and finish seams following customer specifications.
- 17.05 Stitch and clip (if necessary) straight, curved, and open darts according to customer specifications.
- 17.06 Apply or reapply interfacing according to fabric requirements.
- 17.07 Demonstrate special sewing techniques for a variety of fabrics.
- 17.08 Write a report discussing the particular difficulties and enjoyment of skills learned.

- 18.0 ALTER GARMENTS-- After a teacher demonstration, textbook/multi-media research or following sample/customer instructions, the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2

- 18.01 Prepare alteration tags according to customer specifications.
- 18.02 Pin-fit garments to a customer using knowledge gained within the program.
- 18.03 Chalk and baste a garment to fit a customer.
- 18.04 Mark and even a hemline following sample guidelines.
- 18.05 Lengthen and shorten hems in pants, skirts, or dresses following customer's specifications.
- 18.06 Remove the flare from pant legs following a given set of directions.
- 18.07 Taper a skirt following a given set of directions.

- 18.08 Convert tucks to gathers and add gathers following a given set of instructions.
 - 18.09 Make casing and insert elastic in waistband following a given set of instructions.
 - 18.10 Press altered areas using acquired pressing techniques.
 - 18.11 Report in writing or orally which alteration skills were the most difficult to master and tell how you mastered the skill.
- 19.0 DEMONSTRATE CLOTHING REPAIR-- After a teacher demonstration, or following sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4
- 19.01 Reinforce seams and buttonholes following sample instructions.
 - 19.02 Replace zippers in various types of garments following sample instructions.
 - 19.03 Compare and contrast orally or in writing methods of clothing repair learned.
- 20.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- LA.A.2.4.4, LA.B.1.4.1, LA.B.1.4.2, LA.B.1.4.3, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, LA.C.1.4.1, VA.E.1.4.2, VA.E.1.4.3
- 20.01 Conduct a job search using the internet, library phone or a computerized module.
 - 20.02 Secure information about a job and report in written or oral format.
 - 20.03 Identify and list documents that may be required when applying for a job.
 - 20.04 Complete a job application form correctly following directions on the application.
 - 20.05 Demonstrate competence in job interview techniques using role-playing techniques.
 - 20.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor, or other persons.
 - 20.07 Identify and demonstrate acceptable work habits.
 - 20.08 Demonstrate knowledge of how to make job changes appropriately.
 - 20.09 Identify and describe acceptable employee health habits.
 - 20.10 Demonstrate customer relations skills synthesizing given instructions.
 - 20.11 Develop and write a resume following a given format.
 - 20.12 Demonstrate computer proficiency through creating, revising, retrieving and verifying information.
- 21.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.1, LA.A.2.4.4, LA.A.2.4.5, LA.A.2.4.6, LA.A.2.4.8, VA.E.1.4.2, VA.E.1.4.3
- 21.01 Define entrepreneurship.
 - 21.02 Research and report the importance of entrepreneurship to the American economy.
 - 21.03 List the advantages and disadvantages of a business and explain why they are so.
 - 21.04 Identify and describe the risks involved in ownership of a business.
 - 21.05 Identify and describe the necessary personal characteristics of a successful entrepreneur.

- 21.06 Identify and report the business skills needed to operate a small business efficiently and effectively.
- 21.07 Identify and describe the responsibilities of the employer to support the business or industry.

OCCUPATIONAL COMPLETION POINT - DATA CODE - D

DRESS/COSTUME MAKER - DOT 785.361-010

- 22.0 DEMONSTRATE GARMENT CONSTRUCTION SKILLS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.B.2.4.1, LA.B.2.4.4, MA.B.3.4.1, MA.B.4.4.1, MA.B.4.4.2

- 22.01 Identify and use sewing notions appropriately.
- 22.02 Demonstrate fabric preparation according to pattern guide sheet.
- 22.03 Demonstrate lay out according to pattern guide sheet.
- 22.04 Cut out pattern and fabric following given instructions.
- 22.05 Demonstrate pattern markings transfer following pattern diagram/instructions.
- 22.06 Construct a simple garment following pattern instructions.
- 22.07 Apply time and motion techniques from the garment industry.
- 22.08 Identify and demonstrate garment alterations according to customer specifications.
- 22.09 Apply finishing techniques according to fabric requirements.
- 22.10 Apply interfacing following manufacturer's instructions.
- 22.11 Construct pleats according to sample instructions.
- 22.12 Construct tucks according to sample instructions.
- 22.13 Construct gathers according to sample instructions.
- 22.14 Construct seam finishes according to sample instructions.
- 22.15 Construct pockets according to sample instructions.
- 22.16 Construct and apply collars according to sample instructions.
- 22.17 Construct and attach shaped facings according to ample instructions.
- 22.18 Construct set-in sleeves according to sample instructions.
- 22.19 Construct and attach waistbands and cuffs according to sample instructions.
- 22.20 Construct plackets according to sample instructions.
- 22.21 Construct buttonholes according to manufacturer's instructions.
- 22.22 Apply zippers according to manufacturer's instructions and the application chosen for different types of garments.
- 22.23 Construct and apply linings according to fabric need or construction process.
- 22.24 Construct belts following pattern/manufacturer's directions.
- 22.25 Apply fasteners following pattern/manufacturer's directions.
- 22.26 Construct miter corners following written/diagram instructions.
- 22.27 Construct hems following sample instructions.
- 22.28 Construct customized garments using natural and man-made fabrics following customer/pattern instructions.
- 22.29 In a written or oral report identify, describe and demonstrate assembly line techniques.
- 22.30 Identify and demonstrate modular manufacturing techniques; teamwork/group incentives.

- 23.0 MANAGE RESOURCES--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4

- 23.01 Identify and maintain an inventory of materials and supplies needed within the garment construction area.

- 23.02 Identify and apply principles of management in effective use of time, money, energy, and space within the garment construction setting.
- 24.0 CONSTRUCT SPECIALTY GARMENTS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4
- 24.01 Match plaids and stripes.
- 24.02 Identify construction techniques for napped fabrics.
- 24.03 Identify and demonstrate construction techniques for swimwear.
- 24.04 Identify and demonstrate construction techniques for lingerie.
- 24.05 Identify and demonstrate construction techniques for current fabrics.
- 24.06 Identify and demonstrate construction techniques for eveningwear.
- 24.07 Construct specialty garments applying knowledge gained from previous applications.
- 24.08 Write a personal essay describing which technique is the most difficult to master and explain why.

OCCUPATIONAL COMPLETION POINT - DATA CODE - E

- ALTERATIONIST FOR FINE OR TAILORED CLOTHES - DOT 785.361-022
- 25.0 DEMONSTRATE GARMENT ALTERATION-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, MA.B.4.4.1, MA.B.4.4.2, VA.A.1.4.3, VA.B.1.4.3, VA.B.1.4.4
- 25.01 Add or remove shoulder pads following specific instructions.
- 25.02 Lengthen and decrease pants crotch according to customer body measurements.
- 25.03 Increase and decrease waist size of pants, skirts, and dresses according to customer body measurements.
- 25.04 Correct skirts, dresses, and pants for high hip or swayback using proper adjustment techniques.
- 25.05 Remove and add cuffs to pants adjusting to client's height difference.
- 25.06 Widen and narrow cuffs according to client's height difference.
- 25.07 Shorten and lengthen bodices according to client's body measurements.
- 25.08 Increase and decrease bust on bodices according to customer measurements using proper adjustment techniques.
- 25.09 Narrow shoulder lines on a bodice according to customer measurements using proper adjustment techniques.
- 25.10 Redistribute ease in sleeve cap adjusting fullness according to specified instructions.
- 25.11 Add and remove sleeve cuffs according to specified instructions.
- 25.12 Lengthen and narrow cuffs on pants and sleeves according to customer specifications.
- 25.13 Shorten wristlets on knitted sleeves according to customer/manufacturer's specifications.
- 25.14 Reshape trouser legs using proper adjustment techniques.
- 25.15 Taper men's shirts using proper adjustment techniques.
- 25.16 Miter hem corners, including seamed mitered corner and hand whipped miter using proper construction techniques.

- 25.17 Add and remove tucks, pleats, and darts using proper construction techniques.
 - 25.18 Increase and decrease the width of pleats following proper construction techniques.
 - 25.19 Alter closure and fasteners, such as: buttons, zippers, snaps, thread loops, and hooks and eyes according to customer specifications.
 - 25.20 Add, remove, lengthen, and shorten belt loops according to customer specifications.
 - 25.21 Lengthen and shorten belts to fit customer form.
 - 25.22 Add and remove pockets according to fabric requirements.
 - 25.23 Alter size of pockets using proper alteration techniques.
 - 25.24 Add trim to a garment using visual elements of design.
- 26.0 DEMONSTRATE CLOTHING REPAIR-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4
- 26.01 Apply patches to holes or rips in knit or woven fabrics following specified fabric instructions.
 - 26.02 Turn cuffs following specified instructions.
 - 26.03 Re-cover a buckle following specified customer instructions.
 - 26.04 Repair frayed parts of garments, such as: cuffs, collars and seams following proper repair techniques for specified fabric.

OCCUPATIONAL COMPLETION POINT - DATA CODE - F
TAILOR - DOT 785.261-014

- 27.0 CONSTRUCT TAILORED GARMENTS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2
- 27.01 Select suitable fabric for a tailored garment using identified criteria.
 - 27.02 Select suitable hair canvas, interfacing, linings, and underlining for specified fabric.
 - 27.03 Prepare fabrics and alter patterns using pattern directions.
 - 27.04 Lay out patterns, bias, plaid, or one-way prints using correct layout procedures.
 - 27.05 Cut patterns, fabric, hair canvas, and linings according to given directions.
 - 27.06 Tailor tuck markings using the proper techniques.
 - 27.07 Identify tailor basting and tailor bast layers.
 - 27.08 Tape roll line and edges following prescribed method.
 - 27.09 Pad-stitch lapels and collars following prescribed method.
 - 27.10 Baste and fit a garment according to customer specifications.
 - 27.11 Stitch seams using correct stitches for fabric.
 - 27.12 Apply seam finishes chosen from practice samples.
 - 27.13 Construct tailored pockets following given directions.
 - 27.14 Construct bound buttonholes following given directions.
 - 27.15 Construct chest pieces, shoulder pads, and sleeve heads following given directions.
 - 27.16 Set in sleeves following given directions.
 - 27.17 Construct and apply upper collar and facings following given directions.
 - 27.18 Catch-stitch all edges using proper method of stitching.
 - 27.19 Fit a garment using the customer's measurements.

- 27.20 Construct and apply linings according to fabric requirements.
 - 27.21 Construct hems using proper technique for fabric/garment style.
 - 27.22 Identify steps of and demonstrate tailor pressing.
 - 27.23 Refit and alter costumes and ready-to-wear garments.
 - 27.24 Select patterns and cut fabric for tailored pants.
 - 27.25 Alter patterns and cut fabric for tailored pants according to customer specifications.
 - 27.26 Fit and construct tailored pants according to customer specifications.
 - 27.27 Construct and apply linings to tailored pants using your proper techniques.
 - 27.28 Refit and alter a ready-to-wear garments according to customer specifications.
- 28.0 DRAFT, DESIGN, OR DRAPE GARMENTS OR PATTERNS AND CONSTRUCT GARMENTS FROM THESE PATTERNS-- After a teacher demonstration, application of textbook/multi-media information or following manufacturer's or sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2, VA.A.1.4.3, VA.B.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3
- 28.01 Demonstrate taking body measurements using the correct measuring method.
 - 28.02 Compare and alter basic patterns according to given instructions.
 - 28.03 Construct a basic muslin shell using customer measurement's and/or pattern.
 - 28.04 Transfer fitting changes to paper patterns following given directions.
 - 28.05 Construct an oak tag board sloper from muslin following given demonstration.
 - 28.06 Draft pattern bodice, skirt, collars, neckline, sleeves, dresses, jackets, and coats using a sloper based upon customer specifications.
 - 28.07 Identify and describe styles that suit body types.
 - 28.08 Identify and design garments to suit body types.
 - 28.09 Choose fabric for body type and design based upon customer criteria.
 - 28.10 Design a coordinated wardrobe for a variety of body types using learned criteria.
 - 28.11 Design eveningwear, swimwear, lingerie, sportswear, and tailored garments for a variety of body types using learned criteria.
 - 28.12 Define draping and demonstrate the draping method of dress design.
 - 28.13 Identify design systems and demonstrate an understanding of design systems (i.e. animated/digital images).
- 29.0 PARTICIPATE IN STUDENT INTERNSHIP--The student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, LA.C.1.4.1, LA.C.1.4.2, LA.C.1.4.3, LA.C.3.4.1, LA.C.3.4.2, LA.C.3.4.3, LA.C.3.4.4, MA.B.4.4.1, MA.B.4.4.2, VA.A.1.4.3, VA.B.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3
- 29.01 Perform custom garment making and tailoring activities under supervision on the job.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Course Number: 8506310
Course Title: Fashion Production 1
Course Credit: 1

COURSE DESCRIPTION:

This course was developed as the first part of the core. Students will develop competence in employment opportunities; basic skills; leadership and organizational skills; selection, usage and care of tools, equipment and supplies; textile characteristics and care; safety procedures; operation and maintenance of a conventional sewing machine and garment construction.

01.0 IDENTIFY EMPLOYMENT OPPORTUNITIES--The student will be able to:

LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4,
 LA.A.2.4.7, LA.A.2.4.8, SC.H.3.4.5, VA.E.1.4.2, VA.E.1.4.3

- 01.01 Identify occupations in the garment industry.
- 01.02 Identify levels of training required for apparel production occupations.
- 01.03 Identify duties and responsibilities in apparel production occupations.
- 01.04 Identify ways to achieve job advancement in the garment industry.
- 01.05 Identify career options in garment making, such as entrepreneurship.
- 01.06 Analyze current trends as they may affect the future of the industry.
- 01.07 Identify different earning and wage level options in the garment industry.

02.0 DEMONSTRATE APPROPRIATE BASIC SKILLS ESSENTIAL TO WORKING IN APPAREL PRODUCTION--The student will be able to:

LA.B.2.4.1, LA.B.2.4.4, MA.B.2.4.1, MA.B.2.4.2, MA.B.3.4.3,
 MA.B.4.4.1, SC.H.3.4.5

- 02.01 Identify the mathematics knowledge, skills and attitudes necessary to perform the occupation.
- 02.02 Identify the communication knowledge, skills and attitudes necessary to perform the occupation tasks.
- 02.03 Identify the scientific knowledge, skills and attitudes necessary to perform the occupation tasks.
- 02.04 Demonstrate math competencies necessary to perform the occupation tasks.
- 02.05 Demonstrate communication competencies necessary to perform the occupation tasks.
- 02.06 Demonstrate scientific competencies necessary to perform the occupation tasks.

03.0 DEMONSTRATE LEADERSHIP AND ORGANIZATIONAL SKILLS--The student will be able to:

LA.C.1.4.1, LA.C.1.4.2, LA.C.1.4.3, LA.C.1.4.4, MA.A.4.4.1,
 MA.A.4.4.3, MA.A.4.4.4, MA.E.3.4.1, MA.E.3.4.2, HE.B.3.4.1,
 HE.B.3.4.2, HE.B.3.4.3, HE.B.3.4.4, HE.B.3.4.5, HE.B.3.4.6,
 HE.C.1.4.5, HE.C.1.4.6, HE.C.2.4.4, HE.C.2.4.5, HE.C.2.4.6

- 03.01 Identify professional and youth organizations.

- 03.02 Identify purposes and functions of professional and youth organizations.
 - 03.03 Identify roles and responsibilities of members.
 - 03.04 Demonstrate cooperation as a group member in achieving organizational goals.
 - 03.05 Demonstrate confidence in leadership roles and organizational responsibilities.
- 04.0 SELECT, USE AND CARE OF TOOLS, EQUIPMENT AND SUPPLIES--The student will be able to:
- LA.A.1.4.3, LA.C.3.4.3, MA.B.1.4.3
- 04.01 Identify and demonstrate the selection and use of shears, rotary cutter and other high-tech cutting equipment.
 - 04.02 Identify and demonstrate the selection and use of machine maintenance equipment.
 - 04.03 Identify and demonstrate the use of measuring tools.
 - 04.04 Identify and demonstrate the use of pressing equipment.
- 05.0 IDENTIFY TEXTILE CHARACTERISTICS AND CARE--After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4, SC.H.3.4.4, SC.G.2.4.6
- 05.01 Identify and describe fiber characteristics.
 - 05.02 Identify and describe types of fabric construction.
 - 05.03 Identify and describe types of fabric finishes.
 - 05.04 Identify and describe types of textiles.
 - 05.05 Identify laws and regulations governing the textile industry including labeling laws.
- 06.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 06.01 Identify and demonstrate safety procedures in using conventional sewing machines and home sergers.
 - 06.02 Identify and demonstrate safety procedures in using pressing equipment.
 - 06.03 Identify and demonstrate safety procedures in using small hand tools.
 - 06.04 Identify and demonstrate workroom safety procedures.
- 07.0 OPERATE AND MAINTAIN A CONVENTIONAL SEWING MACHINE-- After a teacher demonstration, textbook/multi-media research or following manufacturer's instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 07.01 Identify the process and demonstrate needle insertion, picking the right size needle for the fabric.
 - 07.02 Identify the steps and demonstrate threading the sewing machine.
 - 07.03 Diagram and demonstrate bobbin winding, threading the bobbin case, and inserting the bobbin correctly into the sewing machine.
 - 07.04 Demonstrate straight stitching.
 - 07.05 Demonstrate stitch length and width selection.
 - 07.06 Identify and demonstrate utility and decorative stitches.
 - 07.07 Identify the tension and demonstrate tension adjustment.

- 07.08 Demonstrate cleaning and lubricating the machine following manufacturer's directions.
- 07.09 Demonstrate light bulb replacement.
- 08.0 DEMONSTRATE SKILL IN CONSTRUCTION OF SIMPLE GARMENTS--The student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3, MA.B.3.4.1, MA.B.4.4.1, MA.B.4.4.2, VA.E.1.4.2
- 08.01 Identify common ready to wear sizes.
- 08.02 Identify and describe characteristics of a properly fitted garment.
- 08.03 Take accurate body measurements, select pattern size and determine figure type.
- 08.04 Interpret verbal, written, and visual directions.
- 08.05 Prepare fabric and adjust patterns following pattern directions.
- 08.06 Lay out, pin, cut, and mark fabric according to pattern specifications.
- 08.07 Demonstrate stay stitching and ease stitching.
- 08.08 Demonstrate stitching darts and tucks.
- 08.09 Identify and match garment pieces using markings and stitching following directions.
- 08.10 Demonstrate correct pressing techniques following fabric requirements.
- 08.11 Demonstrate casing and elastic installation.
- 08.12 Demonstrate machine hemming following machine manual instructions.
- 09.0 OPERATE AND MAINTAIN A CONVENTIONAL SERGER-- After a teacher demonstration, textbook/multi-media research or following sample/pattern instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 09.01 Identify types of sergers and their characteristics.
- 09.02 Demonstrate threading of the serger following manufacturer's directions.
- 09.03 Demonstrate tension setting following the manufacturer's directions.
- 09.04 Demonstrate cleaning and care of the serger following manufacturer's instructions.
- 09.05 Demonstrate a rolled hem, flat lock, and pin tucking following sample directions.
- 09.06 Demonstrate replacing knives, needles, and light bulbs following manufacturer's directions.
- 09.07 Demonstrate constructing a garment using the serger.
- 10.0 DEMONSTRATE INTERMEDIATE CONSTRUCTION TECHNIQUES CONSTRUCTING GARMENT(S)--The student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.2, LA.C.1.4.1, LA.C.3.4.3
- 10.01 Apply fusible and nonfusible interfacing according to manufacturer's instructions.
- 10.02 Apply shaped facings.
- 10.03 Apply zippers using different methods, following manufacturer's directions.
- 10.04 Demonstrate understitching following prescribed directions.
- 10.05 Apply waistbands and cuffs following prescribed directions.
- 10.06 Make machine buttonholes according to manufacturer's instructions.
- 10.07 Make and attach collars according to pattern/teacher instructions.

- 10.08 Set in sleeve according to manufacturer's instructions.
- 10.09 Put in side seam pockets; make and apply patch pockets according to manufacturer's specifications.
- 10.10 Demonstrate hand hemming following prescribed directions.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Course Number: 8506320
Course Title: Fashion Production 2
Course Credit: 1

COURSE DESCRIPTION:

Students will develop competence in power machine operations; safety procedures; material selection and preparation; tools; usage and selection of specialized equipment and intermediate/advanced garment construction.

OCCUPATIONAL COMPLETION POINT - DATA CODE - B

POWER MACHINE OPERATOR - OES 89599

- 11.0 OPERATE AND MAINTAIN POWER SEWING MACHINES-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.2.4.1, MA.B.2.4.2
- 11.01 Diagram and thread the machine.
 - 11.02 Diagram, install and thread needle.
 - 11.03 Orally describe and demonstrate how to adjust needle bar.
 - 11.04 Remove and replace bobbin case.
 - 11.05 Describe how to and adjust bobbin winder.
 - 11.06 Select stitch length and width appropriate to sewing method.
 - 11.07 Adjust and control foot pedal.
 - 11.08 Determine tension needed for fabric/thread and adjust tension.
 - 11.09 Determine knee lift placement and adjust knee lift.
 - 11.10 Research characteristics of an appropriate chair for sewing and select proper chair.
 - 11.11 Demonstrate methods of feeding fabric into machine.
 - 11.12 Ease in fullness according to pattern requirements.
 - 11.13 Measure with gauge(s) as required by the pattern directions.
 - 11.14 Clean and oil machine according to manufacturer's instructions.
 - 11.15 Identify and remove throat plate and clean hook.
 - 11.16 Identify and remove throat plate and clean feed dog.
 - 11.17 Select and install attachments according to manufacturer's instructions.
 - 11.18 Select and replace light bulbs or fuses following prescribed instructions.
- 12.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES--The student will be able to:
- LA.C.3.4.3, LA.C.3.4.4
- 12.01 In an oral or written report, identify and demonstrate safety procedures using power sewing, cutting, and specialty machines.
 - 12.02 In an oral or written report, identify and demonstrate safety procedures maintaining, cleaning, and repairing power machines.
 - 12.03 In a oral or written report, identify and demonstrate safety procedures for using computerized monogram machine and data stitch punching system.

13.0 SELECT AND PREPARE MATERIALS--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.1.4.3,
LA.C.3.4.3, VA.A.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3

- 13.01 Identify and match pattern pieces.
- 13.02 Read and interpret instructions and specifications.
- 13.03 Identify fabric content.
- 13.04 Lay out fabrics according to pattern/teacher instructions.
- 13.05 Match grain lines and patterns according to pattern/teacher instructions.
- 13.06 Match plaids, stripes and one-way designs following specified instructions.
- 13.07 Match patterns or garments to work tickets according to manufacturer's process.
- 13.08 Mark and cut using special tables and cutting equipment.
- 13.09 Line up notches, dots, or clips according to pattern/teacher instructions.
- 13.10 Mark fabric for assembly according to pattern/teacher instructions.
- 13.11 Mark fabric for trims according to pattern/teacher instructions.
- 13.12 Match thread with fabric synthesizing visual arts knowledge.
- 13.13 Separate and bundle garments according to specifications of manufacturer.
- 13.14 Interpret work tickets.
- 13.15 Stitch on woven, stretch, or specialty fabrics using appropriate stitch length for fabrics.
- 13.16 Select and use content label(s) according to fabric requirements.
- 13.17 Select and use hide puncher.
- 13.18 Make an oral or written report about the particular difficulties and enjoyment of this work.

14.0 SELECT AND USE HAND TOOLS AND SUPPLIES--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4

- 14.01 Identify, select and use scissors for proper action.
- 14.02 Identify, select and use tweezers according to given instructions.
- 14.03 Identify, select and use screwdrivers according to given instructions.
- 14.04 Identify, select and use correct hammer according to given instructions.
- 14.05 Identify, select and use wrenches according to given instructions.
- 14.06 Identify, select and use hand turner according to given instructions.
- 14.07 Identify, select and use measuring instruments.
- 14.08 Identify and select and use pins for specific fabric construction job.
- 14.09 Select and use markers according to pattern/manufacturer's instructions.
- 14.10 Identify, select and install needles following teacher/manufacturer's instructions.
- 14.11 Select and thread bobbin cases following teacher/manufacturer's instructions
- 14.12 Identify, select and use content label(s).
- 14.13 Select and use attachments (i.e. for binding, folding, etc.) using the machine manual as a guide.

15.0 SELECT AND USE SPECIALIZED EQUIPMENT TO CONSTRUCT INTERMEDIATE/ADVANCED GARMENT(S)-- After a teacher demonstration, textbook/multi-media research and/or written or oral report/discussion or following sample instructions, the student will be able to identify and operate: (Select equipment as appropriate for students occupational outcome)

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, SC.H.3.4.2

- 15.01 Pleater.
- 15.02 Binding machine.
- 15.03 Button machine.
- 15.04 Buttonhole machine.
- 15.05 Serger.
- 15.06 Blindstitch machine.
- 15.07 Straight stitch machine.
- 15.08 Ruffler.
- 15.09 Chain stitch machine.
- 15.10 Hole punch machine.
- 15.11 Cutting machine.
- 15.12 Elastic hemmer.
- 15.13 Elastic machine.
- 15.14 Hook and eye machine.
- 15.15 Bar-tack.
- 15.16 Zigzag machine.
- 15.17 Electronic programmable machines.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Course Number: 8506330
Course Title: Fashion Production 3
Course Credit: 1

COURSE DESCRIPTION:

Students will develop competence in garment industry components; textile qualities; commercial sewing skills; garment alteration; employability skills and entrepreneurship.

16.0 RECOGNIZE COMPONENTS OF THE GARMENT INDUSTRY--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.A.2.4.6, LA.B.2.4.4

- 16.01 Identify and describe programs of the trade.
- 16.02 Identify labels, designers, manufacturers and stores used within the garment industry.
- 16.03 Define terminology used with in the fashion/garment industry.

17.0 DEMONSTRATE COMMERCIAL SEWING SKILLS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3

- 17.01 Remove stitches in ready-made garments without damaging fabric.
- 17.02 Perform basic hand stitches to include backstitch, half-backstitch, catch stitch, fell stitch, and button stitch following sample instructions.
- 17.03 Select machine stitch, stitch length, tension, needle and thread for use with various fabrics following according to instructions.
- 17.04 Construct and finish seams following customer specifications.
- 17.05 Stitch and clip (if necessary) straight, curved, and open darts according to customer specifications.
- 17.06 Apply or reapply interfacing according to fabric requirements.
- 17.07 Demonstrate special sewing techniques for a variety of fabrics.
- 17.08 Write a report discussing the particular difficulties and enjoyment of skills learned.

18.0 ALTER GARMENTS-- After a teacher demonstration, textbook/multi-media research or following sample/customer instructions, the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.A.B.4.4.1, MA.B.4.4.2

- 18.01 Prepare alteration tags according to customer specifications.
- 18.02 Pin-fit garments to a customer using knowledge gained within the program.
- 18.03 Chalk and baste a garment to fit a customer.
- 18.04 Mark and even a hemline following sample guidelines.

- 18.05 Lengthen and shorten hems in pants, skirts, or dresses following customer's specifications.
 - 18.06 Remove the flare from pant legs following a given set of directions.
 - 18.07 Taper a skirt following a given set of directions.
 - 18.08 Convert tucks to gathers and add gathers following a given set of instructions.
 - 18.09 Make casing and insert elastic in waistband following a given set of instructions.
 - 18.10 Press altered areas using acquired pressing techniques.
 - 18.11 Report in writing or orally which alteration skills were the most difficult to master and tell how you mastered the skill.
- 19.0 DEMONSTRATE CLOTHING REPAIR-- After a teacher demonstration, or following sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4
- 19.01 Reinforce seams and buttonholes following sample instructions.
 - 19.02 Replace zippers in various types of garments following sample instructions.
 - 19.03 Compare and contrast, orally or in writing , methods of clothing repair learned.
- 20.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- LA.A.2.4.4, LA.B.1.4.1, LA.B.1.4.2, LA.B.1.4.3, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, LA.C.1.4.1, VA.E.1.4.2, VA.E.1.4.3
- 20.01 Conduct a job search using the internet, library phone or a computerized module.
 - 20.02 Secure information about a job and report in written or oral format.
 - 20.03 Identify and list documents that may be required when applying for a job.
 - 20.04 Complete a job application form correctly following directions on the application.
 - 20.05 Demonstrate competence in job interview techniques using role-playing techniques.
 - 20.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor, or other persons.
 - 20.07 Identify and demonstrate acceptable work habits.
 - 20.08 Demonstrate knowledge of how to make job changes appropriately.
 - 20.09 Identify and describe acceptable employee health habits.
 - 20.10 Demonstrate customer relations skills synthesizing given instructions.
 - 20.11 Develop and write a resume following a given format.
 - 20.12 Demonstrate computer proficiency through creating, revising, retrieving and verifying information.
- 21.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.1, LA.A.2.4.4, LA.A.2.4.5, LA.A.2.4.6, LA.A.2.4.8, VA.E.1.4.2, VA.E.1.4.3
- 21.01 Define entrepreneurship.
 - 21.02 Research and report the importance of entrepreneurship to the American economy.
 - 21.03 List the advantages and disadvantages of business and explain why they are so.

- 21.04 Identify and describe the risks involved in ownership of a business.
- 21.05 Identify and describe the necessary personal characteristics of a successful entrepreneur.
- 21.06 Identify and report on the business skills needed to operate a small business efficiently and effectively.
- 21.07 Identify and describe the responsibilities of the employer to support the business or industry.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Course Number: 8506510
Course Title: Custom Garment Making 4
Course Credit: 1

COURSE DESCRIPTION:

Students will be able to demonstrate construction skills; manage resources and construct specialty garments.

OCCUPATIONAL COMPLETION POINT - DATA CODE - D

DRESS/COSTUME MAKER - DOT 785.361-010

22.0 DEMONSTRATE GARMENT CONSTRUCTION SKILLS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.B.2.4.1, LA.B.2.4.4, MA.B.3.4.1,
MA.B.4.4.1, MA.B.4.4.2

- 22.01 Identify and use sewing notions appropriately.
- 22.02 Demonstrate fabric preparation according to pattern guide sheet.
- 22.03 Demonstrate lay out according to pattern guide sheet.
- 22.04 Cut out pattern and fabric following given instructions.
- 22.05 Demonstrate pattern markings transfer following pattern diagram/instructions.
- 22.06 Construct a simple garment following pattern instructions.
- 22.07 Apply time and motion techniques from the garment industry.
- 22.08 Identify and demonstrate garment alterations according to customer specifications.
- 22.09 Apply finishing techniques according to fabric requirements.
- 22.10 Apply interfacing following manufacturer's instructions.
- 22.11 Construct pleats according to sample instructions.
- 22.12 Construct tucks according to sample instructions.
- 22.13 Construct gathers according to sample instructions.
- 22.14 Construct seam finishes according to sample instructions.
- 22.15 Construct pockets according to sample instructions.
- 22.16 Construct and apply collars according to sample instructions.
- 22.17 Construct and attach shaped facings according to ample instructions.
- 22.18 Construct set-in sleeves according to sample instructions.
- 22.19 Construct and attach waistbands and cuffs according to sample instructions.
- 22.20 Construct plackets according to sample instructions.
- 22.21 Construct buttonholes according to manufacturer's instructions.
- 22.22 Apply zippers according to manufacturer's instructions and the application chosen for different types of garments.
- 22.23 Construct and apply linings according to fabric need or construction process.
- 22.24 Construct belts following pattern/manufacturer's directions.
- 22.25 Apply fasteners following pattern/manufacturer's directions.
- 22.26 Construct miter corners following written/diagram instructions.
- 22.27 Construct hems following sample instructions.
- 22.28 Construct customized garments using natural and man-made fabrics following customer/pattern instructions.
- 22.29 In a written or oral report describe and demonstrate assembly line techniques.

- 22.30 Identify and demonstrate modular manufacturing techniques; teamwork/group incentives.
- 23.0 MANAGE RESOURCES--The student will be able to:
- LA.A.1.4.3, LA.A.2.4.4
- 23.01 Identify and maintain an inventory of materials and supplies needed within the garment construction area.
- 23.02 Identify and apply principles of management in effective use of time, money, energy, and space within the garment construction setting.
- 24.0 CONSTRUCT SPECIALTY GARMENTS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4
- 24.01 Match plaids and stripes.
- 24.02 Identify construction techniques for napped fabrics.
- 24.03 Identify and demonstrate construction techniques for swimwear.
- 24.04 Identify and demonstrate construction techniques for lingerie.
- 24.05 Identify and demonstrate construction techniques for current fabrics.
- 24.06 Identify and demonstrate construction techniques for eveningwear.
- 24.07 Construct specialty garments applying knowledge gained from previous applications.
- 24.08 Write a personal essay describing which technique is the most difficult and tell why.

Florida Department of Education
STUDENT PERFORMANCE STANDARDS

Course Number: 8506520
Course Title: Custom Garment Making 5
Course Credit: 1

COURSE DESCRIPTION:

Students will develop competence in garment alterations and clothing repair.

OCCUPATIONAL COMPLETION POINT - DATA CODE - E

ALTERATIONIST FOR FINE OR TAILORED CLOTHES - DOT 785.361-022

25.0 DEMONSTRATE GARMENT ALTERATION-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3, MA.B.4.4.1, MA.B.4.4.2, VA.A.1.4.3,
VA.B.1.4.3, VA.B.1.4.4

- 25.01 Add or remove shoulder pads following specific instructions.
- 25.02 Lengthen and decrease pants crotch according to customer body measurements.
- 25.03 Increase and decrease waist size of pants, skirts, and dresses according to customer body measurements.
- 25.04 Correct skirts, dresses, and pants for high hip or swayback using proper adjustment techniques.
- 25.05 Remove and add cuffs to pants adjusting to client's height difference.
- 25.06 Widen and narrow cuffs according to client's height difference.
- 25.07 Shorten and lengthen bodices according to client's body measurements.
- 25.08 Increase and decrease bust on bodices according to customer measurements using proper adjustment techniques.
- 25.09 Narrow shoulder lines on a bodice according to customer measurements using proper adjustment techniques.
- 25.10 Redistribute ease in sleeve cap adjusting fullness according to specified instructions.
- 25.11 Add and remove sleeve cuffs according to specified instructions.
- 25.12 Lengthen and narrow cuffs on pants and sleeves according to customer specifications.
- 25.13 Shorten wristlets on knitted sleeves according to customer/manufacturer's specifications.
- 25.14 Reshape trouser legs using proper adjustment techniques.
- 25.15 Taper men's shirts using proper adjustment techniques.
- 25.16 Miter hem corners, including seamed mitered corner and hand whipped miter using proper construction techniques.
- 25.17 Add and remove tucks, pleats, and darts using proper construction techniques.
- 25.18 Increase and decrease the width of pleats following proper construction techniques.
- 25.19 Alter closure and fasteners, such as: buttons, zippers, snaps, thread loops, and hooks and eyes according to customer specifications.

- 25.20 Add, remove, lengthen, and shorten belt loops according to customer specifications.
- 25.21 Lengthen and shorten belts to fit customer form.
- 25.22 Add and remove pockets according to fabric requirements.
- 25.23 Alter size of pockets using proper alteration techniques.
- 25.24 Add trim to a garment using visual elements of design.

26.0 DEMONSTRATE CLOTHING REPAIR-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4

- 26.01 Apply patches to holes or rips in knit or woven fabrics following specified fabric instructions.
- 26.02 Turn cuffs following specified instructions.
- 26.03 Re-cover a buckle following specified customer instructions.
- 26.05 Repair frayed parts of garments, such as: cuffs, collars and seams following proper repair techniques for specified fabric.

July 2001

Florida Department of Education
STUDENT PERFORMANCE STANDARDS

Course Number: 8506530
Course Title: Custom Garment Making 6
Course Credit: 1

COURSE DESCRIPTION:

Students will construct tailored garments and learn to draft, design or drape garments or patterns and construct garments from these patterns.

OCCUPATIONAL COMPLETION POINT - DATA CODE - F

TAILOR - DOT 785.261-014

27.0 CONSTRUCT TAILORED GARMENTS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2

- 27.01 Select suitable fabric for a tailored garment using identified criteria.
- 27.02 Select suitable hair canvas, interfacing, linings, and underlining for specified fabric.
- 27.03 Prepare fabrics and alter patterns using pattern directions.
- 27.04 Lay out patterns, bias, plaid, or one-way prints using correct layout procedures.
- 27.05 Cut patterns, fabric, hair canvas, and linings according to given directions.
- 27.06 Tailor tuck markings using the proper techniques.
- 27.07 Identify tailor basting and tailor bast layers.
- 27.08 Tape roll line and edges following prescribed method.
- 27.09 Pad-stitch lapels and collars following prescribed method.
- 27.10 Baste and fit a garment according to customer specifications.
- 27.11 Stitch seams using correct stitches for fabric.
- 27.12 Apply seam finishes chosen from practice samples.
- 27.13 Construct tailored pockets following given directions.
- 27.14 Construct bound buttonholes following given directions.
- 27.15 Construct chest pieces, shoulder pads, and sleeve heads following given directions.
- 27.16 Set in sleeves following given directions.
- 27.17 Construct and apply upper collar and facings following given directions.
- 27.18 Catch-stitch all edges using proper method of stitching.
- 27.19 Fit a garment using to customer's measurements.
- 27.20 Construct and apply linings according to fabric requirements.

- 27.21 Construct hems using proper technique for fabric/garment style.
 - 27.22 Identify steps of and demonstrate tailor pressing.
 - 27.23 Refit and alter costumes and ready-to-wear garments.
 - 27.24 Select patterns and cut fabric for tailored pants.
 - 27.25 Alter patterns and cut fabric for tailored pants according to customer specifications.
 - 27.26 Fit and construct tailored pants according to customer specifications.
 - 27.27 Construct and apply linings to tailored pants using your proper techniques.
 - 27.28 Refit and alter a ready-to-wear garments according to customer specifications.
- 28.0 DRAFT, DESIGN, OR DRAPE GARMENTS OR PATTERNS AND CONSTRUCT GARMENTS FROM THESE PATTERNS-- After a teacher demonstration, application of textbook/multi-media information or following manufacturer's or sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2, VA.A.1.4.3, VA.B.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3
- 28.01 Demonstrate taking body measurements using the correct measuring method.
 - 28.02 Compare and alter basic patterns according to given instructions.
 - 28.03 Construct a basic muslin shell using customer measurement's and/or pattern.
 - 28.04 Transfer fitting changes to paper patterns following given directions.
 - 28.05 Construct an oak tag board sloper from muslin following given demonstration.
 - 28.06 Draft pattern bodice, skirt, collars, neckline, sleeves, dresses, jackets, and coats using a sloper based upon customer specifications.
 - 28.07 Identify and describe styles that suit body types.
 - 28.08 Identify and design garments to suit body types.
 - 28.09 Choose fabric for body type and design based upon customer criteria.
 - 28.10 Design a coordinated wardrobe for a variety of body types using learned criteria.
 - 28.11 Design eveningwear, swimwear, lingerie, sportswear, and tailored garments for a variety of body types using learned criteria.
 - 28.12 Define draping and demonstrate the draping method of dress design.
 - 28.13 Identify design systems and demonstrate an understanding of design systems (i.e. animated/digital images).
- 29.0 PARTICIPATE IN STUDENT INTERNSHIP--The student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, LA.C.1.4.1, LA.C.1.4.2, LA.C.1.4.3, LA.C.3.4.1, LA.C.3.4.2, LA.C.3.4.3, LA.C.3.4.4, MA.B.4.4.1, MA.B.4.4.2, VA.A.1.4.3, VA.B.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3
- 29.01 Perform custom garment making and tailoring activities under supervision on the job.

Florida Department of Education
INTENDED OUTCOMES

Program Title: PATTERN DESIGN FOR INDUSTRY

	<u>Secondary</u>	<u>PSAV</u>
Program Numbers:	8506600	V200315
CIP Number:	0420030103	0420030103
Grade Level:	9-12, 30, 31	30, 31
Length:	6 credits	900 hours
Certification:	VOC HME EC @4	VOC HME EC @2 @4
	TAILORING ¢7	TAILORING @7 G
	GEN HME EC @4	GEN HME EC @2 @4
	HME EC OCC ¢7	HME EC OCC @7 G
	APPRL MFG ¢7	APPRL MFG @7 G
	HOMEMAKING @2 ¢7	HOMEMAKING @2 @7 G
	HOME EC 1 @2	HOME EC 1 @2
	I ART-TEC ¢7	I ART-TEC ¢7

Basic Skills

Math	9
Language	9
Reading	9

INTENDED OUTCOMES: After successfully completing appropriate course(s) for each occupational completion point of this program, the student will be able to perform the following:

OCCUPATIONAL COMPLETION POINT - DATA CODE - A

SEAMSTRESS - OES 92717

- 01.0 Identify employment opportunities.
- 02.0 Demonstrate appropriate basic skills essential to working in fashion production.
- 03.0 Demonstrate leadership and organizational skills.
- 04.0 Select, use and care for tools, equipment and supplies.
- 05.0 Identify textile characteristics and care.
- 06.0 Identify and practice safety procedures.
- 07.0 Operate and maintain a conventional sewing machine.
- 08.0 Demonstrate skill in construction of simple garments.
- 09.0 Operate and maintain a conventional serger.
- 10.0 Demonstrate intermediate construction techniques making one or more garment(s).

OCCUPATIONAL COMPLETION POINT - DATA CODE - B

POWER MACHINE OPERATOR - OES 89599

- 11.0 Operate and maintain a power sewing machine.
- 12.0 Identify and practice safety procedures.
- 13.0 Select and prepare materials.
- 14.0 Select and use hand tools and supplies.
- 15.0 Select and use specialized equipment to construct intermediate/advanced garment(s).

OCCUPATIONAL COMPLETION POINT - DATA CODE - C

ALTERATIONIST - DOT 785.361-010

- 16.0 Recognize components of the garment industry.
- 17.0 Demonstrate commercial sewing skills.
- 18.0 Alter garments.
- 19.0 Demonstrate clothing repair.
- 20.0 Demonstrate employability skills.

21.0 Demonstrate an understanding of entrepreneurship.

OCCUPATIONAL COMPLETION POINT - DATA CODE - D

SAMPLE MAKER/PATTERN DRAFTER - DOT 785.361-010

22.0 Select, use, and care for appropriate tools and supplies, including T-squares, metal yardsticks, tape measure, cutting tools, markers, and pattern-making papers.

23.0 Select, design, and draft patterns.

24.0 Select suitable fabrics and construct a sample garment.

25.0 Produce and grade the designed pattern.

26.0 Demonstrate fashion illustration.

27.0 Demonstrate draping.

28.0 Demonstrate techniques of tailoring.

Florida Department of Education
 INTENDED OUTCOMES

Program Title: PATTERN DESIGN FOR INDUSTRY

Secondary Number: 8506600

Post Secondary Number: V200315

OCCUPATIONAL COMPLETION POINT - DATA CODE - A

SEAMSTRESS - OES 92717

OCCUPATIONAL COMPLETION POINT - DATA CODE - A

SEAMSTRESS - OES 92717

01.0 IDENTIFY EMPLOYMENT OPPORTUNITIES--The student will be able to:

LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4,
 LA.A.2.4.7, LA.A.2.4.8, SC.H.3.4.5, VA.E.1.4.2, VA.E.1.4.3

- 01.01 Identify occupations in the garment industry.
- 01.02 Identify levels of training required for apparel production occupations.
- 01.03 Identify duties and responsibilities in apparel production occupations.
- 01.04 Identify ways to achieve job advancement in the garment industry.
- 01.05 Identify career options in garment making, such as entrepreneurship.
- 01.06 Analyze current trends as they may affect the future of the industry.
- 01.07 Identify different earning and wage level options in the garment industry.

02.0 DEMONSTRATE APPROPRIATE BASIC SKILLS ESSENTIAL TO WORKING IN APPAREL PRODUCTION--The student will be able to:

LA.B.2.4.1, LA.B.2.4.4, MA.B.2.4.1, MA.B.2.4.2, MA.B.3.4.3,
 MA.B.4.4.1, SC.H.3.4.5

- 02.01 Identify the mathematics knowledge, skills and attitudes necessary to perform the occupation.
- 02.02 Identify the communication knowledge, skills and attitudes necessary to perform the occupation tasks.
- 02.03 Identify the scientific knowledge, skills and attitudes necessary to perform the occupation tasks.
- 02.04 Demonstrate math competencies necessary to perform the occupation tasks.
- 02.05 Demonstrate communication competencies necessary to perform the occupation tasks.
- 02.06 Demonstrate scientific competencies necessary to perform the occupation tasks.

03.0 DEMONSTRATE LEADERSHIP AND ORGANIZATIONAL SKILLS--The student will be able to:

LA.C.1.4.1, LA.C.1.4.2, LA.C.1.4.3, LA.C.1.4.4, MA.A.4.4.1,
 MA.A.4.4.3, MA.A.4.4.4, MA.E.3.4.1, MA.E.3.4.2, HE.B.3.4.1,
 HE.B.3.4.2, HE.B.3.4.3, HE.B.3.4.4, HE.B.3.4.5, HE.B.3.4.6,
 HE.C.1.4.5, HE.C.1.4.6, HE.C.2.4.4, HE.C.2.4.5, HE.C.2.4.6

- 03.01 Identify professional and youth organizations.
- 03.02 Identify purposes and functions of professional and youth organizations.
- 03.03 Identify roles and responsibilities of members.

- 03.04 Demonstrate cooperation as a group member in achieving organizational goals.
- 03.05 Demonstrate confidence in leadership roles and organizational responsibilities.
- 04.0 SELECT, USE AND CARE OF TOOLS, EQUIPMENT AND SUPPLIES--The student will be able to:
 - LA.A.1.4.3, LA.C.3.4.3, MA.B.1.4.3
 - 04.01 Identify and demonstrate the selection and use of shears, rotary cutter and other high-tech cutting equipment.
 - 04.02 Identify and demonstrate the selection and use of machine maintenance equipment.
 - 04.03 Identify and demonstrate the use of measuring tools.
 - 04.04 Identify and demonstrate the use of pressing equipment.
- 05.0 IDENTIFY TEXTILE CHARACTERISTICS AND CARE--After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
 - LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4, SC.H.3.4.4, SC.G.2.4.6
 - 05.01 Identify and describe fiber characteristics.
 - 05.02 Identify and describe types of fabric construction.
 - 05.03 Identify and describe types of fabric finishes.
 - 05.04 Identify and describe types of textiles.
 - 05.05 Identify laws and regulations governing the textile industry including labeling laws.
- 06.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
 - LA.1.4.3, LA.A.2.4.4, LA.C.3.4.3
 - 06.01 Identify and demonstrate safety procedures in using conventional sewing machines and home sergers.
 - 06.02 Identify and demonstrate safety procedures in using pressing equipment.
 - 06.03 Identify and demonstrate safety procedures in using small hand tools.
 - 06.04 Identify and demonstrate workroom safety procedures.
- 07.0 OPERATE AND MAINTAIN A CONVENTIONAL SEWING MACHINE--The student will be able to:
 - LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3
 - 07.01 Identify the process and demonstrate needle insertion, picking the right size for the fabric.
 - 07.02 Identify the steps and demonstrate threading the sewing machine.
 - 07.03 Demonstrate bobbin winding, threading the bobbin in case, and inserting it correctly into the sewing machine.
 - 07.04 Demonstrate straight stitching.
 - 07.05 Demonstrate stitch length and width selection.
 - 07.06 Identify and demonstrate utility and decorative stitches.
 - 07.07 Identify the tension and demonstrate tension adjustment.
 - 07.08 Demonstrate cleaning and lubricating the machine following manufacturer's directions.
 - 07.09 Demonstrate light bulb replacement.

08.0 DEMONSTRATE SKILLS IN CONSTRUCTION OF SIMPLE GARMENTS--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3, MA.B.3.4.1, MA.B.4.4.1, MA.B.4.4.2, VA.E.1.4.2

- 08.01 Identify common ready to wear sizes.
- 08.02 Identify and describe characteristics of a properly fitted garment.
- 08.03 Take accurate body measurements, select pattern size and determine figure type.
- 08.04 Interpret verbal, written, and visual directions.
- 08.05 Prepare fabric and adjust patterns following pattern directions.
- 08.06 Lay out, pin, cut, and mark fabric according to pattern specifications.
- 08.07 Demonstrate stay stitching and ease stitching.
- 08.08 Demonstrate stitching darts and tucks.
- 08.09 Identify and match garment pieces using markings and stitching following directions.
- 08.10 Demonstrate correct pressing techniques following fabric requirements.
- 08.11 Demonstrate casing and elastic installation.
- 08.12 Demonstrate machine hemming following machine manual instructions.

09.0 OPERATE AND MAINTAIN A CONVENTIONAL SERGER--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3

- 09.01 Identify types of sergers and their characteristics.
- 09.02 Demonstrate threading following manufacturer's directions.
- 09.03 Demonstrate tension setting following manufacturer's directions.
- 09.04 Demonstrate cleaning and care of the serger following manufacturer's directions.
- 09.05 Demonstrate a rolled hem, flat lock, and pin tucking following sample instructions.
- 09.06 Demonstrate replacing knives, needles, and light bulbs following manufacturer's directions.
- 09.07 Demonstrate constructing a garment using the serger.

10.0 DEMONSTRATE INTERMEDIATE CONSTRUCTION TECHNIQUES MAKING ONE OR MORE GARMENT(S)--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.2, LA.C.1.4.1, LA.C.3.4.3

- 10.01 Apply fusible and nonfusible interfacing according to manufacturer's instructions.
- 10.02 Apply shaped facings.
- 10.03 Apply zippers following manufacturer's directions.
- 10.04 Demonstrate understitching following prescribed directions.
- 10.05 Apply waistbands and cuffs following prescribed directions.
- 10.06 Make machine buttonholes according to manufacturer's directions.
- 10.07 Make and attach collars according to teacher/pattern directions.
- 10.08 Set in sleeve according to manufacturer's instructions.
- 10.09 Put in side seam pockets; make and apply patch pockets according to manufacturer's specifications.
- 10.10 Demonstrate hand hemming following prescribed directions.

OCCUPATIONAL COMPLETION POINT - DATA CODE - B

POWER MACHINE OPERATOR - OES 89599

11.0 OPERATE AND MAINTAIN POWER SEWING MACHINE--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.2.4.1, MA.B.2.4.2

- 11.01 Diagram and thread the machine.
- 11.02 Diagram, install and thread needle.
- 11.03 Orally describe and demonstrate how to adjust the needle bar.
- 11.04 Remove and replace bobbin case.
- 11.05 Describe how to and adjust the bobbin winder.
- 11.06 Select stitch length and width appropriate to the method of sewing.
- 11.07 Adjust and control foot pedal.
- 11.08 Determine tension needed for fabric/thread and adjust tension.
- 11.09 Determine knee lift placement and adjust knee lift.
- 11.10 Research characteristics of an appropriate chair and select proper chair.
- 11.11 Demonstrate methods of feeding fabrics into machine.
- 11.12 Ease in fullness according to the pattern requirements.
- 11.13 Measure with gauge(s) as required by pattern directions.
- 11.14 Clean and oil machine according to manufacturer's instructions.
- 11.15 Identify and remove throat plate and clean hook.
- 11.16 Identify and remove throat plate and clean feed dog.
- 11.17 Select and install attachments according to manufacturer's instructions.
- 11.18 Select and replace light bulbs or fuses following prescribed instructions.

12.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES--The student will be able to:

LA.C.3.4.3, LA.C.3.4.4

- 12.01 In an oral or written report, demonstrate safety procedures using power sewing, cutting, and specialty machines.
- 12.02 In a written or oral report, demonstrate safety procedures maintaining, cleaning, and repairing power machines.
- 12.03 In an oral or written report, demonstrate safety procedures for using computerized monogram machine and data stitch punching system.

13.0 SELECT AND PREPARE MATERIALS--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.1.4.3, LA.C.3.4.3, VA.A.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3

- 13.01 Identify and match pattern pieces.
- 13.02 Read and interpret instructions and specifications.
- 13.03 Identify fabric content.
- 13.04 Lay out fabrics according to pattern/teacher instructions.
- 13.05 Match grain lines and patterns according to pattern/teacher instructions.
- 13.06 Match plaids, stripes and one-way designs following specified instructions.
- 13.07 Match patterns or garments to work tickets according to manufacturer's process.
- 13.08 Mark and cut using special tables and cutting equipment.
- 13.09 Line up notches, dots, or clips according to pattern/teacher instructions.

- 13.10 Mark fabric for assembly according to pattern/teacher instructions.
 - 13.11 Mark fabric for trims according to pattern/teacher instructions.
 - 13.12 Match thread with fabric synthesizing visual arts knowledge.
 - 13.13 Separate and bundle garments according to specifications of the manufacturer.
 - 13.14 Interpret work tickets.
 - 13.15 Stitch on woven, stretch, or specialty fabrics using appropriate stitch length for fabrics.
 - 13.16 Select and use content label(s) according to fabric requirements.
 - 13.17 Select and use hide puncher.
 - 13.18 Make an oral or written report about the particular difficulties and enjoyments of their work.
- 14.0 SELECT AND USE HAND TOOLS AND SUPPLIES--The student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4
- 14.01 Identify, select and use scissors for proper action.
 - 14.02 Identify, select and use tweezers according to given instructions.
 - 14.03 Identify, select and use screwdrivers according to given directions.
 - 14.04 Identify, select and use correct hammer according to given directions.
 - 14.05 Identify, select and use wrenches according to given directions.
 - 14.06 Identify, select and use hand turner according to given directions.
 - 14.07 Identify, select and use measuring instruments according to given directions.
 - 14.08 Identify, select and use pins for specified construction job.
 - 14.09 Select and use markers according to pattern/manufacturer's directions.
 - 14.10 Identify, select and install needles following teacher/manufacturer's instructions.
 - 14.11 Select and thread bobbin cases following manufacturer's/teacher instructions.
 - 14.12 Identify, select and use content labels.
 - 14.13 Select and use attachments(i.e. binding, folding, etc.), using the machine manual as a guide.
- 15.0 SELECT AND USE SPECIALIZED EQUIPMENT TO CONSTRUCT INTERMEDIATE/ADVANCED GARMENT(S)--After a teacher demonstration, textbook/research and/or written /oral report/discussion or following the manufacturer's instructions the student will be able to identify and operate: (select equipment as appropriate for students occupational outcome)
- LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, SC.H.3.4.2
- 15.01 Pleater.
 - 15.02 Binding machine.
 - 15.03 Button machine.
 - 15.04 Buttonhole machine.
 - 15.05 Serger.
 - 15.06 Blindstitch machine.
 - 15.07 Straight stitch machine.
 - 15.08 Ruffler.
 - 15.09 Chain stitch machine.
 - 15.10 Hole puncher.

- 15.11 Cutting machine.
- 15.12 Elastic hemmer.
- 15.13 Elastic machine
- 15.14 Hook and eye machine.
- 15.15 Bar-tack.
- 15.16 Zigzag machine.
- 15.17 Electronic programmable machines.

OCCUPATIONAL COMPLETION POINT - DATA CODE - C

ALTERATIONIST - DOT 785.361-010

- 16.0 RECOGNIZE COMPONENTS OF THE GARMENT INDUSTRY--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.A.2.4.6, LA.B.2.4.4

- 16.01 Identify and describe programs of the trade.
- 16.02 Identify labels, designers, manufacturers and stores used within the garment industry.
- 16.03 Define fashion terminology used within the fashion/garment industry.

- 17.0 DEMONSTRATE COMMERCIAL SEWING SKILLS--After a teacher demonstration, textbook investigation, internet research or following product instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3

- 17.01 Remove stitches in ready-made garments without damaging fabric following sample instructions.
- 17.02 Perform basic hand stitches to include backstitch, half-backstitch, catch stitch, fell stitch, and button stitch following sample instructions.
- 17.03 Select machine stitch, stitch length, tension, needle and thread for use with various fabrics according to instructions.
- 17.04 Construct and finish seams following customer specifications.
- 17.05 Stitch and clip (if necessary) straight, curved, and open darts according to customer specifications.
- 17.06 Apply or reapply interfacing according to fabric requirements.
- 17.07 Demonstrate special sewing techniques for a variety of fabrics according to directions specified by teacher, textbook or manufacturer's instructions.
- 17.08 Write a report discussing the particular difficulties and enjoyment of skills learned.

- 18.0 ALTER GARMENTS--After a teacher demonstration, textbook/multimedia research or following sample/customer instructions the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2

- 18.01 Prepare alteration tags according to customer specifications.
- 18.02 Pin-fit garments to a customer using knowledge gained within the program.
- 18.03 Chalk and baste a garment to fit a customer.
- 18.04 Mark and even a hemline following sample guidelines.
- 18.05 Lengthen and shorten hems in pants, skirts, or dresses following customer's specifications.
- 18.06 Remove the flare from pant legs following a given set of directions.

- 18.07 Taper a skirt following a given set of directions.
 - 18.08 Convert tucks to gathers and add gathers following a given set of instructions.
 - 18.09 Make casing and insert elastic in waistband following a given set of instructions.
 - 18.10 Press altered areas using acquired pressing techniques.
 - 18.11 Report in writing or orally which alteration skills were the most difficult to master and tell how you mastered the skill.
- 19.0 DEMONSTRATE CLOTHING REPAIR—After a teacher demonstration or following sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4
- 19.01 Reinforce seams and buttonholes following sample directions.
 - 19.02 Replace zippers in various types of garments following sample instructions.
 - 19.03 Compare and contrast, orally or in writing, methods of clothing repair learned.
- 20.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- LA.A.2.4.4, LA.B.1.4.1, LA.B.1.4.2, LA.B.1.4.3, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, LA.C.1.4.1, VA.E.1.4.2, VA.E.1.4.3
- 20.01 Conduct a job search using the internet, library, phone or a computerized module.
 - 20.02 Secure information about a job and report in a written or oral format.
 - 20.03 Identify and list documents that may be required when applying for a job.
 - 20.04 Complete a job application form correctly following directions on the application.
 - 20.05 Demonstrate competence in job interview techniques through role-playing.
 - 20.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor, or other persons.
 - 20.07 Identify and demonstrate acceptable work habits.
 - 20.08 Demonstrate knowledge of how to make job changes appropriately.
 - 20.09 Identify and describe acceptable employee health habits.
 - 20.10 Demonstrate customer relations skills synthesizing given instructions.
 - 20.11 Develop and write a resume following a given format.
 - 20.12 Develop and write a resume through creating, revising, retrieving and verifying information.
- 21.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.1, LA.A.2.4.4, LA.A.2.4.5, LA.A.2.4.6, LA.A.2.4.8, VA.E.1.4.2, VA.E.1.4.3
- 21.01 Define entrepreneurship.
 - 21.02 Research and report the importance of entrepreneurship to the American economy.
 - 21.03 List the advantages and disadvantages of business and explain why they are so.
 - 21.04 Identify and describe the risks involved in ownership of a business.
 - 21.05 Identify and describe the necessary personal characteristics of a successful entrepreneur.

- 21.06 Identify and report the business skills needed to operate a small business efficiently and effectively.
- 21.07 Identify and describe the responsibilities of the employer to support the business or industry.

OCCUPATIONAL COMPLETION POINT - DATA CODE - D

SAMPLE MAKER/PATTERN DRAFTER - DOT 785.361-010

22.0 SELECT, USE AND CARE FOR DRAFTING AND SEWING TOOLS, EQUIPMENT, AND SUPPLIES--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4

22.01 Identify, select, use, and care for appropriate tools and supplies, including T-squares, metal yardsticks, tape measure, cutting tools, markers, and pattern-making papers.

22.02 Identify, select, use, and care for appropriate equipment, including commercial sewing machine, grading machines, drafting equipment, draping forms, and other high-tech equipment.

23.0 SELECT, DESIGN AND DRAFT PATTERNS--The student will be able to:

LA.A.1.4.3, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, MA.B.3.4.1, MA.B.4.4.1, MA.B.4.4.2

23.01 Define trade terminology.

23.02 Describe fashion trends.

23.03 Identify standard government measurements used in the designing process.

23.04 Identify and adopt standard measurements to company measurements.

23.05 Demonstrate pattern-drafting techniques, including arcs, curves, joints, corners, and squaring rectangles for dresses, pants, bathing suits, coats, suits, capes, etc.

23.06 Recheck the pattern draft against all major measurements and adjust accordingly.

24.0 SELECT SUITABLE FABRICS AND CONSTRUCT A SAMPLE GARMENT--The student will be able to:

LA.A.1.4.3, LA.B.2.4.1, LA.C.1.4.1, VA.A.1.4.3, VA.E.1.4.2, VA.E.1.4.3

24.01 In a research project, identify various types of fabrics.

24.02 Apply principles of design to a variety of fabrics, coordinating texture, color, line, and design.

24.03 Lay out and cut a sample garment according to pattern instructions.

24.04 Construct a sample garment using production techniques.

24.05 Check the constructed garment for fit and design applying given instructions.

24.06 Demonstrate pressing techniques following pressing techniques demonstrated.

25.0 PRODUCE AND GRADE THE DESIGNED PATTERN--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.B.2.4.3, MA.B.3.4.1, MA.B.4.4.1, MA.B.4.4.2

25.01 Correct the design of a garment according to pattern specifications.

25.02 Correct the drafted pattern for a garment according to given specifications.

- 25.03 Check grain line, notches, and seam allowance and evaluate for correctness.
 - 25.04 Reproduce paper patterns with style number and size.
 - 25.05 Label patterns with style number and size.
 - 25.06 Grade size range according to specifications for size ranges.
 - 25.07 Mark and grade using a computer system.
- 26.0 DEMONSTRATE FASHION ILLUSTRATION--After a teacher demonstration, textbook/multi-media investigation, interviews or product instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.6, LA.A.2.4.7, LA.A.2.4.8, LA.C.3.4.3, LA.C.3.4.4, VA.B.1.4.1, VA.B.1.4.2, VA.B.1.4.3, VA.B.1.4.4
- 26.01 Sketch fashion figure types.
 - 26.02 Sketch apparel.
 - 26.03 Use varied media.
 - 26.04 Use different rendering techniques.
 - 26.05 Practice advanced draping, charting and rendering.
 - 26.06 Examine construction details.
 - 26.07 Discuss current studio practices.
 - 26.08 Investigate and perform reproduction procedures.
- 27.0 DEMONSTRATE DRAPING-- After a teacher demonstration, textbook/multi-media investigation, interviews or product instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.B.2.4.1, VA.B.1.4.1, V.A.B.1.4.2, VA.B.1.4.3, VA.B.1.4.4
- 27.01 Apply techniques of basic design draping.
 - 27.02 Transfer muslin to pattern paper.
 - 27.03 Construct flat pattern from draped project.
 - 27.04 Determine draping qualities of varied fabrics.
- 28.0 DEMONSTRATE TECHNIQUES OF TAILORING-- After a teacher demonstration, textbook/multi-media investigation, interviews or product instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2
- 28.01 Select suitable hair canvas, interfacing, linings, and underlining.
 - 28.02 Lay out patterns, bias, plaid, or one-way prints.
 - 28.03 Cut patterns, fabric, hair canvas, and linings according to instruction given.
 - 28.04 Practice tailor tack markings.
 - 28.05 Tailor baste layers.
 - 28.06 Tape roll line and edges.
 - 28.07 Pad-stitch lapels and collars.
 - 28.08 Baste and fit a garment.
 - 28.09 Stitch seams.
 - 28.10 Apply seam finishes.
 - 28.11 Construct tailored pockets.
 - 28.12 Construct bound buttonholes.
 - 28.13 Construct chest pieces, shoulder pads, and sleeve heads.
 - 28.14 Set in sleeves.
 - 28.15 Construct and apply upper collar and facings.
 - 28.16 Catch-stitch all edges.
 - 28.17 Construct and apply linings.
 - 28.18 Construct hems.
 - 28.19 Demonstrate tailored pressing.
 - 28.20 Alter patterns and cut fabric for tailored pants.

28.21 Fit and construct tailored pants.

28.22 Construct and apply linings to tailored pants.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Course Number: 8506310
Course Title: Fashion Production 1
Course Credit: 1

COURSE DESCRIPTION:

This course was developed as the first part of the core. Students will develop competence in employment opportunities; basic skills; leadership and organizational skills; selection, usage and care of tools, equipment and supplies; textile characteristics and care; safety procedures; operation and maintenance of a conventional sewing machine and garment construction.

01.0 IDENTIFY EMPLOYMENT OPPORTUNITIES--The student will be able to:

LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4,
 LA.A.2.4.7, LA.A.2.4.8, SC.H.1.4.3, VA.E.1.4.2, VA.E.1.4.3

- 01.01 Identify occupations in the garment industry.
- 01.02 Identify levels of training required for apparel production occupations.
- 01.03 Identify duties and responsibilities in apparel production occupations.
- 01.04 Identify ways to achieve job advancement in the garment industry.
- 01.05 Identify career options in garment making, such as entrepreneurship.
- 01.06 Analyze current trends as they may affect the future of the industry.
- 01.07 Identify different earning and wage level options in the garment industry.

02.0 DEMONSTRATE APPROPRIATE BASIC SKILLS ESSENTIAL TO WORKING IN FASHION PRODUCTION--The student will be able to:

LA.B.2.4.1, LA.A.2.4.4, MA.B.2.4.2, MA.B.3.4.3, MA.B.4.4.1,
 SC.H.3.4.5

- 02.01 Identify the mathematics knowledge, skills, and attitudes necessary to perform the occupation.
- 02.02 Identify the communication knowledge, skills, and attitudes necessary to perform the occupation tasks.
- 02.03 Identify the scientific knowledge, skills, and attitudes necessary to perform the occupation tasks.
- 02.04 Demonstrate math competencies necessary to perform the occupation tasks.
- 02.05 Demonstrate communication competencies necessary to perform the occupation tasks.
- 02.06 Demonstrate scientific competencies necessary to perform the occupation tasks.

03.0 DEMONSTRATE LEADERSHIP AND ORGANIZATIONAL SKILLS--The student will be able to:

LA.C.1.4.1, LA.C.1.4.2, LA.C.1.4.3, LA.C.1.4.4, MA.A.4.4.1,
 MA.A.4.4.3, MA.A.4.4.4, MA.E.3.4.1, MA.E.3.4.2, HE.B.3.4.1,
 HE.B.3.4.2, HE.B.3.4.3, HE.B.3.4.4, HE.B.3.4.5, HE.B.3.4.6,
 HE.C.1.4.5, HE.C.1.4.6, HE.C.2.4.4, HE.C.2.4.5, HE.C.2.4.6

- 03.01 Identify professional and youth organizations.

- 03.02 Identify purposes and functions of professional and youth organizations.
 - 03.03 Identify roles and responsibilities of members.
 - 03.04 Demonstrate cooperation as a group member in achieving organizational goals.
 - 03.05 Demonstrate confidence in leadership roles and organizational responsibilities.
- 04.0 SELECT, USE AND CARE OF TOOLS, EQUIPMENT AND SUPPLIES--The student will be able to:
- LA.A.1.4.3, LA.C.3.4.3, MA.B.1.4.3
- 04.01 Identify and demonstrate the selection and use of shears, rotary, cutter and other high-tech cutting equipment.
 - 04.02 Identify and demonstrate the selection and use of machine maintenance equipment.
 - 04.03 Identify and demonstrate the use of measuring tools.
 - 04.04 Identify and demonstrate the use of pressing equipment.
- 05.0 IDENTIFY TEXTILE CHARACTERISTICS AND CARE--After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.1.4.4, LA.A.2.4.4, SC.H.3.4.4, SC.G.2.4.6
- 05.01 Identify and describe fiber characteristics.
 - 05.02 Identify and describe types of fabric construction.
 - 05.03 Identify and describe types of fabric finishes.
 - 05.04 Identify and describe types of textiles.
 - 05.05 Identify laws and regulations governing the textile industry including labeling laws.
- 06.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:
- LA.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 06.01 Identify and demonstrate safety procedures in using conventional sewing machines and home sergers.
 - 06.02 Identify and demonstrate safety procedures in using pressing equipment.
 - 06.03 Identify and demonstrate safety procedures in using small hand tools.
 - 06.04 Identify and demonstrate workroom safety procedures.
- 07.0 OPERATE AND MAINTAIN A CONVENTIONAL SEWING MACHINE-- After a teacher demonstration, textbook/multi-media research or following manufacturer's instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 07.01 Identify the process and demonstrate needle insertion, picking the right size needle for the fabric.
 - 07.02 Identify the steps and demonstrate threading the sewing machine.
 - 07.03 Diagram and demonstrate bobbin winding, threading the bobbin case, and inserting the bobbin correctly into the sewing machine.
 - 07.04 Demonstrate straight stitching.
 - 07.05 Identify and demonstrate stitch length and width selection.
 - 07.06 Demonstrate utility and decorative stitches.
 - 07.07 Identify the tension and demonstrate tension adjustment.

- 07.08 Demonstrate cleaning and lubricating the machine following manufacturer's directions.
- 07.09 Demonstrate light bulb replacement.
- 08.0 DEMONSTRATE SKILL IN CONSTRUCTION OF SIMPLE GARMENTS--The student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3, MA.B.3.4.1, MA.B.4.4.1, MA.B.4.4.2, VA.E.1.4.2
- 08.01 Identify common ready to wear sizes.
- 08.02 Identify and describe characteristics of a properly fitted garment.
- 08.03 Take accurate body measurements, select pattern size and determine figure type.
- 08.04 Interpret verbal, written, and visual directions.
- 08.05 Prepare fabric and adjust patterns following pattern directions.
- 08.06 Lay out, pin, cut, and mark fabric according to pattern specifications.
- 08.07 Demonstrate stay stitching and ease stitching.
- 08.08 Demonstrate stitching darts and tucks.
- 08.09 Identify and match garment pieces using markings and stitching following directions.
- 08.10 Demonstrate correct pressing techniques following fabric requirements.
- 08.11 Demonstrate casing and elastic installation.
- 08.12 Demonstrate machine hemming following machine manual instructions.
- 09.0 OPERATE AND MAINTAIN A CONVENTIONAL SERGER-- After a teacher demonstration, textbook/multi-media research or following sample/pattern instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4, LA.C.3.4.3
- 09.01 Identify types of sergers and their characteristics.
- 09.02 Demonstrate threading of the serger following manufacturer's directions.
- 09.03 Demonstrate tension setting following the manufacturer's directions.
- 09.04 Demonstrate cleaning and care of the serger following manufacturer's instructions.
- 09.05 Demonstrate a rolled hem, flat lock, and pin tucking following sample directions.
- 09.06 Demonstrate replacing knives, needles, and light bulbs following manufacturer's directions.
- 09.07 Demonstrate constructing a garment using the serger.
- 10.0 DEMONSTRATE INTERMEDIATE CONSTRUCTION TECHNIQUES CONSTRUCTING GARMENT(S)--The student will be able to:
- LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.2, LA.C.1.4.1, LA.C.3.4.3
- 10.01 Apply fusible and nonfusible interfacing according to manufacturer's instructions.
- 10.02 Apply shaped facings.
- 10.03 Apply zippers using different methods, following manufacturer's directions.
- 10.04 Demonstrate understitching following prescribed directions.
- 10.05 Apply waistbands and cuffs following prescribed directions.
- 10.06 Make machine buttonholes according to manufacturer's instructions.

- 10.07 Make and attach collars according to pattern/teacher instructions.
- 10.08 Set in sleeve according to manufacturer's instructions.
- 10.09 Put in side seam pockets; make and apply patch pockets according to manufacturer's specifications.
- 10.10 Demonstrate hand hemming following prescribed directions.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Course Number: 8506320
Course Title: Fashion Production 2
Course Credit: 1

COURSE DESCRIPTION:

Students will develop competence in power machine operations; safety procedures; material selection and preparation; tools; usage and selection of specialized equipment and intermediate/advanced garment construction.

OCCUPATIONAL COMPLETION POINT - DATA CODE - B

POWER MACHINE OPERATOR - OES 89599

11.0 OPERATE AND MAINTAIN POWER SEWING MACHINES-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.3, LA.A.2.4.4, LA.C.1.4.1,
 LA.C.3.4.3, MA.B.2.4.1, MA.B.2.4.2

- 11.01 Diagram and thread the machine.
- 11.02 Diagram, install and thread needle.
- 11.03 Orally describe and demonstrate how to adjust needle bar.
- 11.04 Remove and replace bobbin case.
- 11.05 Describe how to and adjust bobbin winder.
- 11.06 Select stitch length and width appropriate to sewing method.
- 11.07 Adjust and control foot pedal.
- 11.08 Determine tension needed for fabric/thread and adjust tension.
- 11.09 Determine knee lift placement and adjust knee lift.
- 11.10 Research characteristics of an appropriate chair for sewing and select proper chair.
- 11.11 Demonstrate methods of feeding fabric into machine.
- 11.12 Ease in fullness according to pattern requirements.
- 11.13 Measure with gauge(s) as required by the pattern directions.
- 11.14 Clean and oil machine according to manufacturer instruction.
- 11.15 Identify and remove throat plate and clean hook.
- 11.16 Identify and remove throat plate and clean feed dog.
- 11.17 Select and install attachments according to manufacturer's instructions.
- 11.18 Select and replace light bulbs or fuses following prescribed instructions.

12.0 IDENTIFY AND PRACTICE SAFETY PROCEDURES--The student will be able to:

LA.C.3.4.3, LA.C.3.4.4

- 12.01 Identify and demonstrate safety procedures using power sewing, cutting, and specialty machines.
- 12.02 In a written report, identify and demonstrate safety procedures maintaining, cleaning, and repairing power machines.
- 12.03 Identify and demonstrate safety procedures for using computerized monogram machine and data stitch punching system.

13.0 SELECT AND PREPARE MATERIALS--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.1.4.3,
LA.C.3.4.3, VA.A.1.4.3, VA.B.1.4.4, VA.E.1.4.2, VA.E.1.4.3

- 13.01 Identify and match pattern pieces.
- 13.02 Read and interpret instructions and specifications.
- 13.03 Identify fabric content.
- 13.04 Lay out fabrics according to pattern/teacher instructions.
- 13.05 Match grain lines and patterns according to pattern/teacher instructions.
- 13.06 Match plaids, stripes and one-way designs following specified instructions.
- 13.07 Match patterns or garments to work tickets according to manufacturer's process.
- 13.08 Mark and cut using special tables and cutting equipment.
- 13.09 Line up notches, dots, or clips according to pattern/teacher instructions.
- 13.10 Mark fabric for assembly according to pattern/teacher instructions.
- 13.11 Mark fabric for trims according to pattern/teacher instructions.
- 13.12 Match thread with fabric synthesizing visual arts knowledge.
- 13.13 Separate and bundle garments according to specifications of manufacturer.
- 13.14 Interpret worktickets.
- 13.15 Stitch on woven, stretch, or specialty fabrics using appropriate stitch length for fabrics.
- 13.16 Select and use content label(s) according to fabric requirements.
- 13.17 Select and use hide puncher.
- 13.18 Make an oral or written report about the particular difficulties and enjoyment of this work.

14.0 SELECT AND USE HAND TOOLS AND SUPPLIES--The student will be able to:

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4

- 14.01 Identify, select and use scissors for proper action.
- 14.02 Identify, select and use tweezers according to given instructions.
- 14.03 Identify, select and use screwdrivers according to given instructions.
- 14.04 Identify, select and use correct hammer according to given instructions.
- 14.05 Identify, select and use wrenches according to given instructions.
- 14.06 Identify, select and use hand turner according to given instructions.
- 14.07 Identify, select and use measuring instruments.
- 14.08 Identify and select and use pins for specific fabric construction job.
- 14.09 Select and use markers according to pattern/manufacturer's instructions.
- 14.10 Identify, select and install needles following teacher/manufacturer's instructions.
- 14.11 Select and thread bobbin cases following teacher/manufacturer's instructions
- 14.12 Identify, select and use content label(s).
- 14.13 Select and use attachments (i.e. for binding, folding, etc.) using the machine manual as a guide.

- 15.0 SELECT AND USE SPECIALIZED EQUIPMENT TO CONSTRUCT INTERMEDIATE/ADVANCED GARMENT(S)-- After a teacher demonstration, textbook/multi-media research and/or written or oral report/discussion or following sample instructions, the student will be able to identify and operate: (Select equipment as appropriate for students occupational outcome)

LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.4, SC.H.3.4.2

- 15.01 Pleater.
- 15.02 Binding machine.
- 15.03 Button machine.
- 15.04 Buttonhole machine.
- 15.05 Serger.
- 15.06 Blindstitch machine.
- 15.07 Straight stitch machine.
- 15.08 Ruffler.
- 15.09 Chain stitch machine.
- 15.10 Hole punch machine.
- 15.11 Cutting machine.
- 15.12 Elastic hemmer.
- 15.13 Elastic machine.
- 15.14 Hook and eye machine.
- 15.15 Bar-tack.
- 15.16 Zigzag machine.
- 15.17 Electronic programmable machines.

Florida Department of Education
STUDENT PERFORMANCE STANDARDS

Course Number: 8506330
Course Title: Fashion Production 3
Course Credit: 1

COURSE DESCRIPTION:

Students will develop competence in garment industry components; textile qualities; commercial sewing skills; garment alteration; employability skills and entrepreneurship.

OCCUPATIONAL COMPLETION POINT - DATA CODE - C

ALTERATIONIST - DOT 785.361-010

16.0 RECOGNIZE COMPONENTS OF THE GARMENT INDUSTRY--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.A.2.4.6, LA.B.2.4.4

- 16.01 Identify and describe programs of the trade.
- 16.02 Identify labels, designers, manufacturers and stores used within the garment industry.
- 16.03 Define terminology used within the fashion/garment industry.

17.0 DEMONSTRATE COMMERCIAL SEWING SKILLS-- After a teacher demonstration, textbook/multi-media research or following sample instructions, the student will be able to:

LA.A.1.4.2, LA.A.1.4.3

- 17.01 Remove stitches in ready-made garments without damaging fabric.
- 17.02 Perform basic hand stitches to include backstitch, half-backstitch, catch stitch, fell stitch, and button stitch following sample instructions.
- 17.03 Select machine stitch, stitch length, tension, needle and thread for use with various fabrics according to instructions.
- 17.04 Construct and finish seams following customer specifications.
- 17.05 Stitch and clip (if necessary) straight, curved, and open darts according to customer specifications.
- 17.06 Apply or reapply interfacing according to fabric requirements.
- 17.07 Demonstrate special sewing techniques for a variety of fabrics according to directions specified by the teacher, textbook or manufacturer' instructions.
- 17.08 Write a report discussing the particular difficulties and enjoyment of skills learned.

18.0 ALTER GARMENTS-- After a teacher demonstration, textbook/multi-media research or following sample/customer instructions, the student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1, MA.B.4.4.2

- 18.01 Prepare alteration tags according to customer specifications.
- 18.02 Pin-fit garments to a customer using knowledge gained within the program.

- 18.03 Chalk and baste a garment to fit a customer.
 - 18.04 Mark and even a hemline following sample guidelines.
 - 18.05 Lengthen and shorten hems in pants, skirts, or dresses following customer's specifications.
 - 18.06 Remove the flare from pant legs following a given set of directions.
 - 18.07 Taper a skirt following a given set of directions.
 - 18.08 Convert tucks to gathers and add gathers following a given set of instructions.
 - 18.09 Make casing and insert elastic in waistband following a given set of instructions.
 - 18.10 Press altered areas using acquired pressing techniques.
 - 18.11 Report in writing or orally which alteration skills were the most difficult to master and tell how you mastered the skill.
- 19.0 DEMONSTRATE CLOTHING REPAIR-- After a teacher demonstration, or following sample instructions, the student will be able to:
- LA.A.1.4.3, LA.A.2.4.4
- 19.01 Reinforce seams and buttonholes following sample instructions.
 - 19.02 Replace zippers in various types of garments following sample instructions
 - 19.03 Compare and contrast, orally or in writing, methods of clothing repair learned.
- 20.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- LA.A.2.4.4, LA.B.1.4.1, LA.B.1.4.2, LA.B.1.4.3, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, LA.C.1.4.1, VA.E.1.4.2, VA.E.1.4.3
- 20.01 Conduct a job search using the internet, library phone or a computerized module.
 - 20.02 Secure information about a job and report in a written or oral format.
 - 20.03 Identify and list documents that may be required when applying for a job.
 - 20.04 Complete a job application form correctly following directions on the application.
 - 20.05 Demonstrate competence in job interview techniques using role-playing techniques.
 - 20.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor, or other persons.
 - 20.07 Identify and demonstrate acceptable work habits.
 - 20.08 Demonstrate knowledge of how to make job changes appropriately.
 - 20.09 Identify and describe acceptable employee health habits.
 - 20.10 Demonstrate customer relations skills synthesizing given instructions.
 - 20.11 Develop and write a resume following a given format.
 - 20.12 Demonstrate computer proficiency through creating, revising, retrieving and verifying information.
- 21.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- LA.A.1.4.1, LA.A.1.4.2, LA.A.1.4.3, LA.A.2.4.1, LA.A.2.4.4, LA.A.2.4.5, LA.A.2.4.6, LA.A.2.4.8, VA.E.1.4.2, VA.E.1.4.3
- 21.01 Define entrepreneurship.
 - 21.02 Research and report the importance of entrepreneurship to the American economy.

- 21.03 List the advantages and disadvantages of business and explain why they are so.
- 21.04 Identify and describe the risks involved in ownership of a business.
- 21.05 Identify and describe the necessary personal characteristics of a successful entrepreneur.
- 21.06 Identify and report the business skills needed to operate a small business efficiently and effectively.
- 21.07 Identify and describe the responsibilities of the employer to support the business or industry.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Course Number: 8506610
Course Title: Pattern Design for Industry 4
Course Credit: 1

COURSE DESCRIPTION:

This course was developed to teach students pattern drafting and pattern grading.

22.0 SELECT, USE, AND CARE FOR DRAFTING AND SEWING TOOLS, EQUIPMENT, AND SUPPLIES--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4

- 22.01 Identify, select, use, and care for appropriate tools and supplies, including T-squares, metal yardsticks, tape measure, cutting tools, markers, and pattern-making papers.
- 22.02 Identify, select, use, and care for appropriate equipment, including commercial sewing machine, grading machines, drafting equipment, draping forms, and other high-tech equipment.

23.0 SELECT, DESIGN, AND DRAFT PATTERNS--The student will be able to:

LA.A.1.4.3, LA.B.2.4.1, LA.B.2.4.2, LA.B.2.4.3, LA.B.2.4.4, MA.B.3.4.1, MA.B.4.4.1, MA.B.4.4.2

- 23.01 Define trade terminology.
- 23.02 Describe fashion trends.
- 23.03 Identify standard government measurements used in the designing process.
- 23.04 Identify and adopt standard measurements to company measurements.
- 23.05 Demonstrate pattern-drafting techniques, including arcs, curves, joints, corners, and squaring rectangles for dresses, pants, bathing suits, coats, suits, capes, etc.
- 23.06 Recheck the pattern draft against all major measurements and adjust accordingly.

24.0 SELECT SUITABLE FABRICS AND CONSTRUCT A SAMPLE GARMENT--The student will be able to:

LA.A.1.4.3, LA.B.2.4.1, LA.C.1.4.1, VA.A.1.4.3, VA.E.1.4.2, VA.E.1.4.3

- 24.01 In a research project, identify various types of fabrics.
- 24.02 Apply principles of design to a variety of fabrics, coordinating texture, color, line, and design.
- 24.03 Lay out and cut a sample garment using production techniques.
- 24.04 Construct a sample garment using production techniques.
- 24.05 Check the constructed garment for fit and design applying given instructions.
- 24.06 Demonstrate pressing techniques following pressing techniques demonstrated.

25.0 PRODUCE AND GRADE THE DESIGNED PATTERN--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.B.2.4.3, MA.B.3.4.1, MA.B.4.4.1,
MA.B.4.4.2

- 25.01 Correct the design of a garment according to pattern specifications.
- 25.02 Correct the drafted pattern for a garment according to given specifications.
- 25.03 Check grain line, notches, and seam allowance and evaluate for correctness.
- 25.04 Reproduce paper patterns with style number and size.
- 25.05 Label patterns with style number and size.
- 25.06 Grade size range according to specifications for size ranges.
- 25.07 Mark and grade using a computer system.

Florida Department of Education
STUDENT PERFORMANCE STANDARDS

Course Number: 8506620
Course Title: Pattern Design for Industry 5
Course Credit: 1

COURSE DESCRIPTION:

This course was developed to teach students fashion illustration and draping.

26.0 DEMONSTRATE FASHION ILLUSTRATION--The student will be able to:

LA.A.1.4.3, LA.A.2.4.6, LA.A.2.4.7, LA.A.2.4.8, LA.C.3.4.3,
 LA.C.3.4.4, VA.B.1.4.1, VA.B.1.4.2, VA.B.1.4.3, VA.B.1.4.4

- 26.01 Sketch fashion figure.
- 26.02 Sketch apparel.
- 26.03 Use varied media.
- 26.04 Use different rendering techniques.
- 26.05 Practice advanced draping, charting and rendering.
- 26.06 Examine construction details.
- 26.07 Discuss current studio practices.
- 26.08 Investigate and perform reproduction methods.

27.0 DEMONSTRATE DRAPING--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.B.2.4.1, VA.B.1.4.1, VA.B.1.4.2,
 VA.B.1.4.3, VA.B.1.4.4

- 27.01 Apply techniques of basic design draping.
- 27.02 Transfer muslin to pattern paper.
- 27.03 Construct flat pattern from draped project.
- 27.04 Determine draping qualities of varied fabrics.

Florida Department of Education
STUDENT PERFORMANCE STANDARDS

Course Number: 8506630
Course Title: Pattern Design for Industry 6
Course Credit: 1

COURSE DESCRIPTION:

This course was developed to teach students advanced tailoring techniques.

28.0 DEMONSTRATE TECHNIQUES OF TAILORING--The student will be able to:

LA.A.1.4.3, LA.A.2.4.4, LA.C.1.4.1, LA.C.3.4.3, MA.B.4.4.1,
MA.B.4.4.2

- 28.01 Select suitable hair canvas, interfacing, linings, and underlining.
- 28.02 Lay out patterns, bias, plaid, or one-way prints.
- 28.03 Cut patterns, fabric, hair canvas, and linings.
- 28.04 Practice tailor tack markings.
- 28.05 Tailor baste layers.
- 28.06 Tape roll line and edges.
- 28.07 Pad-stitch lapels and collars.
- 28.08 Baste and fit a garment.
- 28.09 Stitch seams.
- 28.10 Apply seam finishes.
- 28.11 Construct tailored pockets.
- 28.12 Construct bound buttonholes.
- 28.13 Construct chest pieces, shoulder pads, and sleeve heads.
- 28.14 Set in sleeves.
- 28.15 Construct and apply upper collar and facings.
- 28.16 Catch-stitch all edges.
- 28.17 Construct and apply linings.
- 28.18 Construct hems.
- 28.19 Demonstrate tailored pressing.
- 28.20 Alter patterns and cut fabric for tailored pants.
- 28.21 Fit and construct tailored pants.
- 28.22 Construct and apply linings to tailored pants.