

Florida Department of Education  
CURRICULUM FRAMEWORK

<b>Program Title:</b>	Upholstery Technologies Cluster	
<b>Occupational Area:</b>	Industrial Education	
<b>Cluster Number:</b>	0648.0300CL	
<b>Components:</b>	Core, 2 Programs and 9 Occupational Completion Points	
<b>Cluster Type:</b>	Job Preparatory	
	<u>Secondary</u>	<u>PSAV</u>
<b>Grade Level:</b>	9-12, 30, 31	30, 31, Adult Vocational
<b>Length:</b>	11 Credits	1650 Hours
<b>Facility Code:</b>	245	245
<b>CTSO:</b>	SkillsUSA-VICA	SkillsUSA-VICA
<b>COOP Method:</b>	Yes	Yes
<b>Apprenticeship:</b>	No	No

- I. **PURPOSE:** The purpose of the program in this cluster is to prepare students for employment and/or specialized training in the upholstery industry.

This cluster focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the Upholstery industry; planning, management, finance, technical and product skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues.

- II. **PROGRAM STRUCTURE:** This cluster is a planned sequence of instruction consisting of two programs with a common core and 9 occupational completion points. When the recommended sequence is followed, the structure will allow students who successfully complete specified competencies to exit for employment or articulate into specialized training.

Competencies established by the Upholstery Industries for "UPHOLSTERY TRAINING STANDARDS" plus integration of academic requirements and training in communications, leadership, human relations, employability skills and safe, efficient work practices account for 300 hours in the CORE curriculum.

Occupational Completion Points may be reached before the end of a secondary course. All outcomes must be completed to receive credit for a Occupational Completion Point (OCP). Listed below are the courses that comprise this program when offered at the secondary level.

Listed below are the courses that comprise this program when offered at the Secondary Level:

- 8775000 Upholstery and Furniture Refinishing
- 8775010 Upholstery and Furniture Refinishing 1 (150)
- 8775020 Upholstery and Furniture Refinishing 2 (150) [300] OCP A
- 8775030 Upholstery and Furniture Refinishing 3 (150)
- 8775040 Upholstery and Furniture Refinishing 4 (150)
- 8775050 Upholstery and Furniture Refinishing 5 (150) [350] OCP B

8775060	Upholstery and Furniture Refinishing 6	(150)	
8775070	Upholstery 7	(150)	
8775080	Upholstery 8	(150) [550]	OCP C
8775090	Upholstery 9	(150) [100]	OCP D
8775091	Upholstery 10	(150)	
8775092	Upholstery 11	(150) [350]	OCP E
8775500 Automotive Upholstery and Trim			
8775010	Upholstery and Furniture Refinishing 1	(150)	
8775020	Upholstery and Furniture Refinishing 2	(150) [300]	OCP A
8775503	Automobile Upholstery 3	(150)	
8775504	Automobile Upholstery 4	(150)	
8775505	Automobile Upholstery 5	(150) [350]	OCP B
8775506	Automobile Upholstery 6	(150)	
8775507	Automobile Upholstery 7	(150)	
8775508	Automobile Upholstery 8	(150) [550]	OCP C
8775509	Automobile Upholstery 9	(150) [100]	OCP D
8775510	Automobile Upholstery 10	(150)	
8775511	Automobile Upholstery 11	(150) [350]	OCP E

II. **LABORATORY ACTIVITIES:** Shop or laboratory activities are an integral part of the Upholstery Technologies Cluster. These activities provide instruction in the use of equipment, tools, materials and processes found in the upholstery service industry.

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

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 complete this program are: Mathematics 8.0, Language 8.0, Reading 8.0. 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 through Vocational Preparatory Instruction (VPI). 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 on an individual basis. The job or jobs for which the student is being

trained should be reflected in the student's desired postschool outcome statement on the Transition Individual Educational Plan (Transition IEP).

To be transferable statewide between institutions, this program/course must have been reviewed, and a "transfer value" assigned the curriculum content by the appropriate Statewide Course Numbering System discipline committee. This does not preclude institutions from developing specific program or course articulation agreements with each other.

SCANS Competencies: To accomplish the Secretary's Commission on Achieving Necessary Skills (SCANS) competencies, instructional strategies for this cluster 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 methods to improve students' personal qualities and higher-order thinking skills.

This program may be offered in courses. Vocational credit shall be awarded to the student on a transcript in accordance with Section 230.643, F.S.

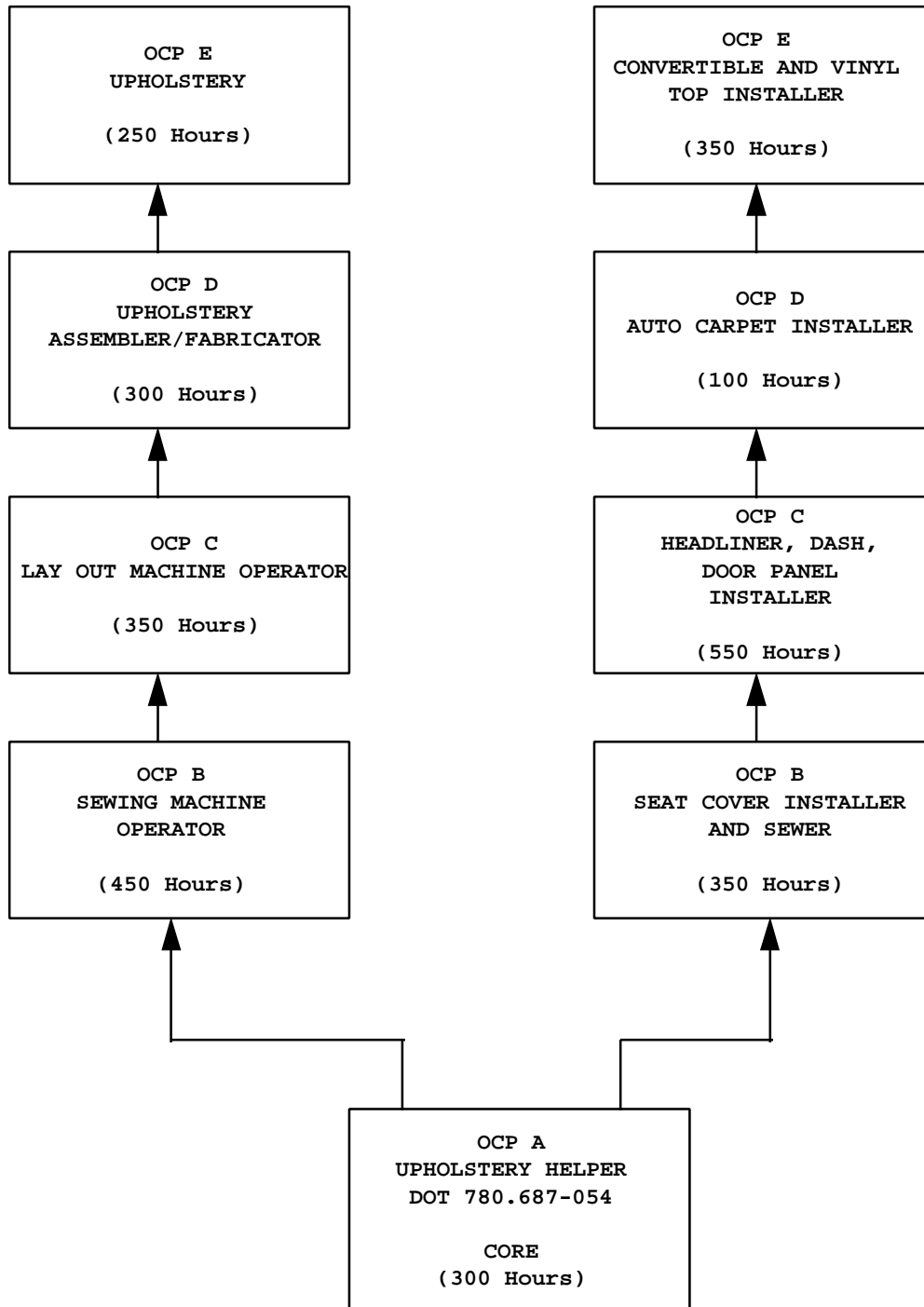
The standard length of this program is 1,650 hours.

The following diagram illustrates the cluster structure, Occupational Completion Points, and Job Titles:

UPHOLSTERY TECHNOLOGIES CLUSTER

UPHOLSTERY AND FURNITURE  
REFINISHING TECHNOLOGY

AUTOMOTIVE UPHOLSTERY  
TECHNOLOGY



**Florida Department of Education  
INTENDED OUTCOMES**

**Program Title:** Automotive Upholstery and Trim  
**Program Type:** Job Preparatory  
**Occupational Area:** Industrial Education  
**Components:**

	<u>Secondary</u>	<u>PSAV</u>
<b>Program Number:</b>	<b>8775500</b>	<b>I480313</b>
CIP Number:	0648.030301	0648.030301
Grade Level:	9-12, 30, 31	30, 31
Length:	11 Credits	1650 Hours
CTSO:	SkillsUSA-VICA	SkillsUSA-VICA
Coop Method:	Yes	Yes
Apprenticeship:	No	No
Facility Code:	245	245
Certification:	Auto Uph @7 G	Auto Uph @7 G
<b>Basic Skills:</b>		
Math		8
Language		8
Reading		8

**OCCUPATIONAL COMPLETION POINT - A (300 Hours)**  
AUTOMOTIVE UPHOLSTRY HELPER - (680.687-054)

- 01.0 Apply basic upholstery and trade skills.
- 02.0 Maintain and operate power machines.
- 03.0 Make and use patterns.
- 04.0 Demonstrate appropriate communication skills.
- 05.0 Demonstrate appropriate understanding of basic science.
- 06.0 Demonstrate employability skills.

**OCCUPATIONAL COMPLETION POINT - B (350 Hours)**  
AUTOMOTIVE SEAT COVER INSTALLER - (DOT 780.384-010)

- 07.0 Apply upholstery and trade skills.
- 08.0 Maintain and operate specialty power machines.
- 09.0 Re-upholster seats - auto.
- 10.0 Demonstrate appropriate math skills.

**OCCUPATIONAL COMPLETION POINT - C (550 Hours)**  
AUTOMOTIVE HEADLINER/DOOR PANEL INSTALLER - (INDUSTRY TITLE)

- 11.0 Demonstrate proficiency with door panels and arm rests.
- 12.0 Demonstrate proficiency with headliners and accessories.
- 13.0 Demonstrate proficiency with repad and dashboard skills.
- 14.0 Apply advanced upholstery and trim skills.

**OCCUPATIONAL COMPLETION POINT - D (100 Hours)**  
AUTOMOTIVE CARPET INSTALLER - (INDUSTRY TITLE)

- 15.0 Install automotive carpet
- 16.0 Install lining
- 17.0 Apply custom upholstery and trim skills.

**OCCUPATIONAL COMPLETION POINT - E (350 Hours)**

CONVERTIBLE AND VINYL TOP INSTALLER/AUTOMOTIVE UPHOLSTER -  
(DOT 780.381-010)

- 18.0 Fabricate and fit tonneau covers
- 19.0 Remove and install convertible top
- 20.0 Demonstrate proficiency with vinyl/landau tops
- 21.0 Apply exterior upholstery and trim skills.
- 22.0 Demonstrate proficiency in business management skills.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

Occupational Area: Industrial  
Program Title: Automotive Upholstery and Trim  
Program Number: I480313

**OCCUPATIONAL COMPLETION POINT - A (300 Hours)**  
AUTOMOTIVE UPHOLSTERY HELPER - DOT 780.687-054

- 01.0 APPLY BASIC UPHOLSTERY AND TRADE SKILLS--The student will be able to:
- 01.01 Use upholstery terminology.
  - 01.02 Clean and maintain the shop.
  - 01.03 Identify appropriate fabric and thread.
  - 01.04 Identify use safety procedures for the shop.
  - 01.05 Apply measuring skills.
  - 01.06 Identify and use shop tools and equipment.
  - 01.07 Identify materials, supplies, and equipment used in the upholstery trade.
- 02.0 MAINTAIN AND OPERATE POWER MACHINES--The student will be able to:
- 02.01 Operate and maintain industrial machines.
  - 02.02 Maintain and operate foam grinders.
  - 02.03 Maintain and operate cushion stuffers.
  - 02.04 Operate and maintain steam machines.
  - 02.05 Operate a walking foot machine.
  - 02.06 Apply basic sewing techniques.
- 03.0 MAKE AND USE PATTERNS--The student will be able to:
- 03.01 Make pattern.
  - 03.02 Make pattern on fabric.
  - 03.03 Cut marked fabric.
- 04.0 DEMONSTRATE APPROPRIATE COMMUNICATION SKILLS--The student will be able
- 04.01 Write logical and understandable statements, or phrases, to accurately fill out forms/invoices commonly used in business and industry.
  - 04.02 Read and understand graphs, charts, diagrams, and tables commonly used in the upholstery industry/occupation area.
  - 04.03 Read and follow written instructions and oral instructions.
  - 04.04 Answer and ask questions coherently and concisely.
  - 04.05 Read critically by recognizing assumptions and implications and by evaluating ideas.
  - 04.06 Demonstrate appropriate telephone skills.
  - 04.07 Apply communication and leadership techniques.
  - 04.08 Apply human relation skills.

05.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:

05.01 Use basic science as it applies to the upholstery industry.

05.02 Identify and use basic chemicals as they apply to products used in the industry.

05.03 Identify and use safety precautions for chemicals used in the upholstery trade.

06.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:

06.01 Conduct a employment search.

06.02 Secure information about employment.

06.03 Identify documents which may be required when applying for employment.

06.04 Complete an employment application, correctly.

06.05 Demonstrate competence in employment interview techniques.

06.06 Identify or demonstrate appropriate responses to criticism from an employer, supervisor or other employees.

06.07 Demonstrate knowledge of how to make appropriate employment changes.

06.08 Demonstrate a knowledge of the "Florida Right-to-Know Law" as recorded in Florida Statutes, Chapter 442.

06.09 Understand employment capabilities.

06.10 Perform safety and health capabilities.

06.11 Demonstrate appropriate work behavior.

06.12 Project a professional image.

06.13 Work individually and cooperatively as a member of a team.

06.14 Utilize communication skills applicable to the industry.

06.15 Use and conserve resources and energy.

**OCCUPATIONAL COMPLETION POINT - B (350 Hours)**

**AUTOMOTIVE SEAT COVER INSTALLER**

07.0 APPLY UPHOLSTERY AND TRADE SKILLS--The student will be able to:

07.01 Apply sewing techniques.

08.0 MAINTAIN AND OPERATE SPECIALTY POWER MACHINES--The student will be able to:

08.01 Apply special sewing techniques.

09.0 RE-UPHOLSTER SEATS -AUTO--The student will be able to:

09.01 Remove seat unit.

09.02 Repair frame unit.

09.03 Re-upholster seat.

09.04 Re-upholster head rest.

09.05 Install seats.

09.06 Install seats in sports car.

09.07 Install backrest trim.

09.08 Install seats with back rest.

09.09 Install ready made seat covers.



- 10.0 DEMONSTRATE APPROPRIATE MATH SKILLS--The student will be able to:
- 10.01 Identify and use measuring tools.
  - 10.02 Add, subtract, multiply, and divide using fractions, decimals, and whole numbers.
  - 10.03 Determine the correct purchase price to include sales tax.

**OCCUPATIONAL COMPLETION POINT - C (550 Hours)**

AUTOMOTIVE HEADLINER DOOR PANEL INSTALLER - INDUSTRY TITLE

- 11.0 DEMONSTRATE PROFICIENCY WITH DOOR PANELS AND ARM RESTS--The student will be able to:

- 11.01 Remove door panels.
- 11.02 Re-upholster arm rests.
- 11.03 Identify door panels and accessories.
- 11.04 Upholster door panels.
- 11.05 Install door panels.

- 12.0 DEMONSTRATE PROFICIENCY WITH HEADLINERS AND ACCESSORIES--The student will be able to:

- 12.01 Remove headliners and accessories.
- 12.02 Install headliners and accessories.

- 13.0 DEMONSTRATE PROFICIENCY WITH REPAD AND DASHBOARD SKILLS--The student will be able to:

- 13.01 Repair dashboard.
- 13.02 Re-pad dashboard.
- 13.03 Re-upholster dashboard.

- 14.0 APPLY ADVANCED UPHOLSTERY AND TRIM SKILLS--The student will be able to:

- 14.01 Select design and type of fabric.
- 14.02 Perform detailing skills.
- 14.03 Customize seats.
- 14.04 Customize carpet.

**OCCUPATIONAL COMPLETION POINT - D (100 Hours)**

AUTOMOTIVE CARPET INSTALLER - DOT 708.381-010

- 15.0 INSTALL AUTOMOTIVE CARPET--The student will be able to:

- 15.01 Select carpet.
- 15.02 Install carpets in automobiles/trucks.
- 15.03 Install carpets in vans.
- 15.04 Install carpets in imported/sports cars.

- 16.0 INSTALL LINING--The student will be able to:

- 16.01 Install trunk lining.
- 16.02 Install trunk carpet.

17.0 APPLY CUSTOM UPHOLSTERY AND TRIM SKILLS--The student will be able to:

- 17.01 Customize headliner.
- 17.02 Customize panel.
- 17.03 customize dashboard.
- 17.04 Customize package tray.

**OCCUPATIONAL COMPLETION POINT - E (350 Hours)**

CONVERTIBLE AND VINYL TOP INSTALLER/AUTOMOTIVE UPHOLSTER

18.0 FABRICATE AND FIT TONNEAU COVERS--The student will be able to:

- 18.01 Select tonneau covering.
- 18.02 Fabricate tonneau covers.
- 18.03 Fit tonneau covers.

19.0 REMOVE AND INSTALL CONVERTIBLE TOP--The student will be able to:

- 19.01 Select convertible top.
- 19.02 Remove convertible top.
- 19.03 Install convertible top.
- 19.04 Install rear window unit.
- 19.05 Fabricate and install convertible well.
- 19.06 Install top pad.
- 19.07 Fabricate and install convertible boor.

20.0 DEMONSTRATE PROFICIENCY WITH VINYL/LANDAU TOPS--The student will be able to:

- 20.01 Identify types of vinyl/landau installations.
- 20.02 Select vinyl/landau top covers.
- 20.03 Remove vinyl/landau top.
- 20.04 Install vinyl/landau top.

21.0 APPLY EXTERIOR UPHOLSTERY AND TRIM SKILLS--The student will be able to:

- 21.09 Customize convertible top and accessories.
- 21.10 Customize exterior.
- 21.11 Customize car cover.
- 21.12 Customize tire cover.
- 21.13 Customize miscellaneous body parts.
- 21.14 Install sun/T-top.

22.0 DEMONSTRATE PROFICIENCY IN BUSINESS MANAGEMENT SKILLS--The student will be able to:

- 22.01 Explain or perform sales consulting duties.
- 22.02 Estimate job costs.
- 22.03 Perform or explain business practices.
- 22.04 Use sample fabric/materials books.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Upholstery and Furniture Refinishing 1  
**COURSE NUMBER:** 8775010  
**COURSE CREDIT:** 1

**COURSE DESCRIPTION:**

This course will provide instruction and shop/lab experience in trade, management and employability skills.

01.0 APPLY BASIC UPHOLSTERY AND TRADE SKILLS--The student will be able to:

- 01.01 Use upholstery terminology.
- 01.02 Clean and maintain the shop.
- 01.03 Identify appropriate fabric and thread.
- 01.04 Identify use safety procedures for the shop.
- 01.05 Apply measuring skills.
- 01.06 Identify and use shop tools and equipment.
- 01.07 Identify materials, supplies, and equipment used in the upholstery trade.

02.0 MAINTAIN AND OPERATE POWER MACHINES--The student will be able to:

- 02.01 Operate and maintain industrial machines.

03.0 MAKE AND USE PATTERNS--The student will be able to:

- 03.01 Make pattern.
- 03.02 Make pattern on fabric.
- 03.03 Cut marked fabric.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Upholstery and Furniture Refinishing 2  
**COURSE NUMBER:** 8775020  
**COURSE CREDIT:** 1

**COURSE DESCRIPTION:**

This course will provide instruction and shop/lab experience in operating and maintaining power machines and making/using patterns.

02.0 MAINTAIN AND OPERATE POWER MACHINES--The student will be able to:

- 02.02 Maintain and operate foam grinder.
- 02.03 Maintain and operate cushion stuffers.
- 02.04 Operate and maintain steam machines.
- 02.05 Operate a walking foot machine.
- 02.06 Apply basic sewing techniques.

04.0 DEMONSTRATE APPROPRIATE COMMUNICATION SKILLS--The student will be able to:

- 04.01 Write logical and understandable statements, or phrases, to accurately fill out forms/invoices commonly used in business and industry.
- 04.02 Read and understand graphs, charts, diagrams, and tables commonly used in the upholstery industry/occupation area.
- 04.03 Read and follow written instructions and oral instructions.
- 04.04 Answer and ask questions coherently and concisely.
- 04.05 Read critically by recognizing assumptions and implications and by evaluating ideas.
- 04.06 Demonstrate appropriate telephone skills.
- 04.07 Apply communication and leadership techniques.
- 04.08 Apply human relation skills.

05.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:

- 05.01 Use basic science as it applies to the upholstery industry.
- 05.02 Identify and use basic chemicals as they apply to products used in the industry.
- 05.03 Identify and use safety precautions for chemicals used in the upholstery trade.

06.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:

- 06.01 Conduct a employment search.
- 06.02 Secure information about employment.
- 06.03 Identify documents which may be required when applying for employment.
- 06.04 Complete an employment application, correctly.
- 06.05 Demonstrate competence in employment interview techniques.
- 06.06 Identify or demonstrate appropriate responses to criticism from an employer, supervisor or other employees.

- 06.07 Demonstrate knowledge of how to make appropriate employment changes.
- 06.08 Demonstrate a knowledge of the "Florida Right-to-Know Law" as recorded in Florida Statutes, Chapter 442.
- 06.09 Understand employment capabilities.
- 06.10 Perform safety and health capabilities.
- 06.11 Demonstrate appropriate work behavior.
- 06.12 Project a professional image.
- 06.13 Work individually and cooperatively as a member of a team.
- 06.14 Utilize communication skills applicable to the industry.
- 06.15 Use and conserve resources and energy.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 3  
**COURSE NUMBER:** 8775503  
**COURSE CREDIT:** 1

07.0 APPLY UPHOLSTERY AND TRADE SKILLS--The student will be able to:

07.01 Apply sewing techniques.

08.0 MAINTAIN AND OPERATE SPECIALTY POWER MACHINES--The student will be able to:

08.01 Apply special sewing techniques.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 4  
**COURSE NUMBER:** 8775504  
**COURSE CREDIT:** 1

09.0 RE-UPHOLSTER SEATS - AUTO--The student will be able to:

- 09.01 Remove seat unit.
- 09.02 Repair frame unit.
- 09.03 Re-upholster seat.
- 09.04 Re-upholster head rest.
- 09.05 Install seats.
- 09.06 Install seats in sports car.
- 09.07 Install backrest trim.
- 09.08 Install seats with back rest.
- 09.09 Install ready made seat covers.

10.0 DEMONSTRATE APPROPRIATE MATH SKILLS--The student will be able to:

- 10.01 Identify and use measuring tools.
- 10.02 Add, subtract, multiply, and divide using fractions, decimals, and whole numbers.
- 10.03 Determine the correct purchase price to include sales tax.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 5  
**COURSE NUMBER:** 8775505  
**COURSE CREDIT:** 1

11.0 DEMONSTRATE PROFICIENCY WITH DOOR PANELS AND ARM RESTS--The student will be able to:

- 11.01 Remove door panels.
- 11.02 Re-upholster arm rests.
- 11.03 Identify door panels and accessories.
- 11.04 Upholster door panels.
- 11.05 Install door panels.



July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 6  
**COURSE NUMBER:** 8775506  
**COURSE CREDIT:** 1

12.0 DEMONSTRATE PROFICIENCY WITH HEADLINERS AND ACCESSORIES--The student will be able to:

- 12.01 Remove headliners and accessories.
- 12.02 Install headliners and accessories.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 7  
**COURSE NUMBER:** 8775507  
**COURSE CREDIT:** 1

13.0 DEMONSTRATE PROFICIENCY WITH REPAD AND DASHBOARD SKILLS--The student will be able to:

- 13.01 Repair dashboard.
- 13.02 Re-pad dashboard.
- 13.03 Re-upholster dashboard.

July 2001

Florida Department of Education

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 8  
**COURSE NUMBER:** 8775508  
**COURSE CREDIT:** 1

14.0 APPLY ADVANCED UPHOLSTERY AND TRIM SKILLS--The student will be able to:

- 14.01 Select design and type of fabric.
- 14.02 Perform detailing skills.
- 14.03 Customize seats.
- 14.04 Customize carpet.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 9  
**COURSE NUMBER:** 8775509  
**COURSE CREDIT:** 1

15.0 INSTALL AUTOMOTIVE CARPET--The student will be able to:

- 15.01 Select carpet.
- 15.02 Install carpets in automobiles/trucks.
- 15.03 Install carpets in vans.
- 15.04 Install carpets in imported/sports cars.

16.0 INSTALL LINING--The student will be able to:

- 16.01 Install trunk lining.
- 16.02 Install trunk carpet.

17.0 APPLY CUSTOM UPHOLSTERY AND TRIM SKILLS--The student will be able to:

- 17.01 Customize headliner.
- 17.02 Customize panel.
- 17.03 customize dashboard.
- 17.04 Customize package tray.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 10  
**COURSE NUMBER:** 8775510  
**COURSE CREDIT:** 1

18.0 FABRICATE AND FIT TONNEAU COVERS--The student will be able to:

- 18.01 Select tonneau covering.
- 18.02 Fabricate tonneau covers.
- 18.03 Fit tonneau covers.

19.0 REMOVE AND INSTALL CONVERTIBLE TOP--The student will be able to:

- 19.01 Select convertible top.
- 19.02 Remove convertible top.
- 19.03 Install convertible top.
- 19.04 Install rear window unit.
- 19.05 Fabricate and install convertible well.
- 19.06 Install top pad.
- 19.07 Fabricate and install convertible boor.

20.0 DEMONSTRATE PROFICIENCY WITH VINYL/LANDAU TOPS--The student will be able to:

- 20.01 Identify types of vinyl/landau installations.
- 20.02 Select vinyl/landau top covers.
- 20.03 Remove vinyl/landau top.
- 20.04 Install vinyl/landau top.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Automotive Upholstery and Trim  
**PROGRAM NUMBER:** 8775500  
**COURSE TITLE:** Automobile Upholstery 11  
**COURSE NUMBER:** 8775511  
**COURSE CREDIT:** 1

21.0 APPLY EXTERIOR UPHOLSTERY AND TRIM SKILLS --The student will be able to:

- 21.09 Customize convertible top and accessories.
- 21.10 Customize exterior.
- 21.11 Customize car cover.
- 21.12 Customize tire cover.
- 21.13 Customize miscellaneous body parts.
- 21.14 Install sun/T-top.

22.0 DEMONSTRATE PROFICIENCY IN BUSINESS MANAGEMENT SKILLS--The student will be able to:

- 22.01 Explain or perform sales consulting duties.
- 22.02 Estimate job costs.
- 22.03 Perform or explain business practices.
- 22.04 Use sample fabric/materials books.

**Florida Department of Education  
INTENDED OUTCOMES**

**Program Title** Upholstery and Furniture Refinishing  
**Program type** Job Preparatory  
**Occupational Area:** Industrial Education

	<u>Secondary</u>	<u>PSAV</u>
<b>CIP Number:</b>	0648.030300	0648.030300
<b>Program Number:</b>	8775000	I480303
<b>Grade Level:</b>	9-12, 31, 31	30, 31
<b>Length:</b>	11 Credits	1650 Hours
<b>Certification:</b>	FURN REPR @ 7G	FURN REPR @ 7G
<b>Basic Skills:</b>		
Math		8
Language		8
Reading		8

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

**OCCUPATIONAL COMPLETION POINT - A (300 Hours)**

UPHOLSTERY AND FURNITURE REFINISHING

- 01.0 Apply basic upholstery and trade skills.
- 02.0 Maintain and operate power machines.
- 03.0 Make and use patterns.
- 04.0 Demonstrate appropriate communication skills.
- 05.0 Demonstrate an understanding of basic science.
- 06.0 Demonstrate employability skills.

**OCCUPATIONAL COMPLETION POINT - B (450 Hours)**

- 07.0 Apply upholstery and trade skills.
- 08.0 Construct basic covers.
- 09.0 Build basic foundations.
- 10.0 Demonstrate appropriate math skills.
- 11.0 Demonstrate an understanding of Entrepreneurship.

**OCCUPATIONAL COMPLETION POINT - C (350 Hours)**

- 12.0 Construct covers.
- 13.0 Build complex foundations.

**OCCUPATIONAL COMPLETION POINT - D (300 Hours)**

- 14.0 Construct advanced covers.
- 15.0 Demonstrate an understanding of Entrepreneurship.
- 16.0 Use upholstery skills.

**OCCUPATIONAL COMPLETION POINT - E (250 Hours)**

- 17.0 Demonstrate an understanding of business skills.
- 18.0 Use advanced upholstery skills.

**Program Title** Upholstery and Furniture Refinishing  
**Program type** Job Preparatory  
**Occupational Area:** Industrial Education

**OCCUPATIONAL COMPLETION POINT - A (300 Hours) CORE**

UPHOLSTERY HELPER - DOT 780.687-054

- 01.0 APPLY BASIC UPHOLSTERY AND TRADE SKILLS--The student will be able to:
- 01.01 Use upholstery terminology.
  - 01.02 Clean and maintain the shop.
  - 01.03 Identify appropriate fabric and thread.
  - 01.04 Identify use safety procedures for the shop.
  - 01.05 Apply measuring skills.
  - 01.06 Identify and use shop tools and equipment.
  - 01.07 Identify materials, supplies, and equipment used in the upholstery trade.
- 02.0 MAINTAIN AND OPERATE POWER MACHINES--The student will be able to:
- 02.01 Operate and maintain industrial machines.
  - 02.02 Maintain and operate foam grinders.
  - 02.03 Maintain and operate cushion stuffers.
  - 02.04 Operate and maintain steam machines.
  - 02.05 Operate a walking foot machine.
  - 02.06 Apply basic sewing techniques.
- 03.0 MAKE AND USE PATTERNS--The student will be able to:
- 03.01 Make pattern.
  - 03.02 Make pattern on fabric.
  - 03.03 Cut marked fabric.
- 04.0 DEMONSTRATE APPROPRIATE COMMUNICATION SKILLS--The student will be able
- 04.01 Write logical and understandable statements, or phrases, to accurately fill out forms/invoices commonly used in business and industry.
  - 04.02 Read and understand graphs, charts, diagrams, and tables commonly used in the upholstery industry/occupation area.
  - 04.03 Read and follow written instructions and oral instructions.
  - 04.04 Answer and ask questions coherently and concisely.
  - 04.05 Read critically by recognizing assumptions and implications and by evaluating ideas.
  - 04.06 Demonstrate appropriate telephone skills.
  - 04.07 Apply communication and leadership techniques.
  - 04.08 Apply human relation skills.
- 05.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:
- 05.01 Use basic science as it applies to the upholstery industry.
  - 05.02 Identify and use basic chemicals as they apply to products used in the industry.
  - 05.03 Identify and use safety precautions for chemicals used in the upholstery trade.



- 06.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- 06.01 Conduct a employment search.
  - 06.02 Secure information about employment.
  - 06.03 Identify documents which may be required when applying for employment.
  - 06.04 Complete an employment application, correctly.
  - 06.05 Demonstrate competence in employment interview techniques.
  - 06.06 Identify or demonstrate appropriate responses to criticism from an employer, supervisor or other employees.
  - 06.07 Demonstrate knowledge of how to make appropriate employment changes.
  - 06.08 Demonstrate a knowledge of the "Florida Right-to-Know Law" as recorded in Florida Statutes, Chapter 442.
  - 06.09 Understand employment capabilities.
  - 06.10 Perform safety and health capabilities.
  - 06.11 Demonstrate appropriate work behavior.
  - 06.12 Project a professional image.
  - 06.13 Work individually and cooperatively as a member of a team.
  - 06.14 Utilize communication skills applicable to the industry.
  - 06.15 Use and conserve resources and energy.

**OCCUPATIONAL COMPLETION POINT - B (450 Hours)**

SEWING MACHINE OPERATOR, (NON-GARMENT) - OES 92721852

- 07.0 APPLY UPHOLSTERY AND TRADE SKILLS--The student will be able to:
- 07.01 Apply advanced sewing techniques.
- 08.0 CONSTRUCT BASIC COVERS--The student will be able to:
- 08.01 Select fabric.
  - 08.02 Determining sizing.
  - 08.03 Demonstrate sewing techniques.
- 09.0 BUILD BASIC FOUNDATIONS--The student will be able to:
- 09.01 Strip to frame.
  - 09.02 Repair frame.
  - 09.03 Repair surfaces.
- 10.0 DEMONSTRATE APPROPRIATE MATH SKILLS--The student will be able to:
- 10.01 Identify and use measuring tools.
  - 10.02 Add, subtract, multiply, and divide using fractions, decimals, and whole numbers.
  - 10.03 Determine the correct purchase price to include sales tax.
- 11.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- 11.01 Describe the importance of entrepreneurship to the American economy.
  - 11.02 List advantages and disadvantages of business ownership.
  - 11.03 Identify the risks and documents involved in ownership of a business.
  - 11.04 Identify the necessary personal characteristics of a successful entrepreneurship.

**OCCUPATIONAL COMPLETION POINT - C (350 Hours)**

LAYOUT MACHINE OPERATOR, (NON-GARMENT) - OES 93916907

12.0 CONSTRUCT COVERS--The student will be able to:

- 12.01 Construct a box cushion cover.
- 12.02 Construct a knife edge cushion cover.

13.0 BUILD FOUNDATIONS--The student will be able to:

- 13.01 Respring a sofa.
- 13.02 Respring a chair.

**OCCUPATIONAL COMPLETION POINT - D (300 Hours)**

UPHOLSTERY ASSEMBLER/FABRICATOR - OES 93956922

14.0 CONSTRUCT FANCY COVERS--The student will be able to:

- 14.01 Construct a pleated cushion cover.
- 14.02 Construct a cushion cover with inside springs.
- 14.03 Construct an attached cushion seat cover.

15.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:

- 15.01 Describe the importance of entrepreneurship to the American economy.
- 15.02 List advantages and disadvantages of business ownership.
- 15.03 Identify the risks and documents involved in ownership of a business.
- 15.04 Identify the necessary personal characteristics of a successful Entrepreneurship.

16.0 USE UPHOLSTERY SKILLS--The student will be able to:

- 16.01 Repair frame.
- 16.02 Construct decorative items.

**OCCUPATIONAL COMPLETION POINT - E (250 Hours)**

UPHOLSTERER - OES 89508733

17.0 DEMONSTRATE AN UNDERSTANDING OF BUSINESS SKILLS--The student will be

- 17.01 Identify the business skills needed to operate a small business efficiently and effectively.
- 17.02 Identify the Florida State requirements for ownership of a business.

18.0 USE ADVANCED UPHOLSTERY SKILLS--The student will be able to:

- 18.01 Reconstruct deck with coil springs.
- 18.02 Reconstruct deck with zigzag springs.
- 18.03 Reconstruct deck with rubber springs.
- 18.04 Cover inside arms and/or wings.
- 18.05 Construct standard back.
- 18.06 Construct a loose pillow back.
- 18.07 Construct a barrel back.
- 18.08 Construct a mock diamond-tufted back.

- 18.09 Construct a diamond-tufted back.
- 18.10 Construct an attached pillow/bay back.
- 18.11 Construct a channel back.
- 18.12 Cover outside arms and/or wings.
- 18.13 Cover outside back.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**Course Name:** Upholstery and Furniture Refinishing 1  
**Course Number:** 8775010  
**Course Credit:** 1

01.0 APPLY BASIC UPHOLSTERY AND TRADE SKILLS--The student will be able to:

- 01.01 Use upholstery terminology.
- 01.02 Clean and maintain the shop.
- 01.03 Identify appropriate fabric and thread.
- 01.04 Identify use safety procedures for the shop.
- 01.05 Apply measuring skills.
- 01.06 Identify and use shop tools and equipment.
- 01.07 Identify materials, supplies, and equipment used in the upholstery trade.

02.0 MAINTAIN AND OPERATE POWER MACHINES--The student will be able to:

- 02.01 Operate and maintain industrial machines.

03.0 MAKE AND USE PATTERNS--The student will be able to:

- 03.01 Make pattern.
- 03.02 Make pattern on fabric.
- 03.03 Cut marked fabric.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**Course Name:** Upholstery and Furniture Refinishing 2  
**Course Number:** 8775020  
**Course Credit:** 1

02.0 MAINTAIN AND OPERATE POWER MACHINES--The student will be able to:

- 02.02 Maintain and operate foam grinder.
- 02.03 Maintain and operate cushion stuffers.
- 02.04 Operate and maintain steam machines.
- 02.05 Operate a walking foot machine.
- 02.06 Apply basic sewing techniques.

04.0 DEMONSTRATE APPROPRIATE COMMUNICATION SKILLS--The student will be able to:

- 04.01 Write logical and understandable statements, or phrases, to accurately fill out forms/invoices commonly used in business and industry.
- 04.02 Read and understand graphs, charts, diagrams, and tables commonly used in the upholstery industry/occupation area.
- 04.03 Read and follow written instructions and oral instructions.
- 04.04 Answer and ask questions coherently and concisely.
- 04.05 Read critically by recognizing assumptions and implications and by evaluating ideas.
- 04.06 Demonstrate appropriate telephone skills.
- 04.07 Apply communication and leadership techniques.
- 04.08 Apply human relation skills.

05.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:

- 05.01 Use basic science as it applies to the upholstery industry.
- 05.02 Identify and use basic chemicals as they apply to products used in the industry.
- 05.03 Identify and use safety precautions for chemicals used in the upholstery trade.

06.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:

- 06.01 Conduct a employment search.
- 06.02 Secure information about employment.
- 06.03 Identify documents which may be required when applying for employment.
- 06.04 Complete an employment application, correctly.
- 06.05 Demonstrate competence in employment interview techniques.
- 06.06 Identify or demonstrate appropriate responses to criticism from an employer, supervisor or other employees.
- 06.07 Demonstrate knowledge of how to make appropriate employment changes.
- 06.08 Demonstrate a knowledge of the "Florida Right-to-Know Law" as recorded in Florida Statutes, Chapter 442.
- 06.09 Understand employment capabilities.

- 06.10 Perform safety and health capabilities.
- 06.11 Demonstrate appropriate work behavior.
- 06.12 Project a professional image.
- 06.13 Work individually and cooperatively as a member of a team.
- 06.14 Utilize communication skills applicable to the industry.
- 06.15 Use and conserve resources and energy.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**Course Name:** Upholstery and Furniture Refinishing 3  
**Course Number:** 8775030  
**Course Credit:** 1

07.0 APPLY UPHOLSTERY AND TRADE SKILLS--The student will be able to:

07.01 Apply advanced sewing techniques.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**COURSE TITLE:** Upholstery and Furniture Refinishing 4  
**COURSE NUMBER:** 8775040  
**COURSE CREDIT:** 1

08.0 CONSTRUCT BASIC COVERS--The student will be able to:

- 08.01 Select fabric.
- 08.02 Determining sizing.
- 08.03 Demonstrate sewing techniques.

09.0 BUILD BASIC FOUNDATIONS--The student will be able to:

- 09.01 Strip to frame.
- 09.02 Repair frame.
- 09.03 Repair surfaces.



Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**COURSE TITLE:** Upholstery and Furniture Refinishing 5  
**COURSE NUMBER:** 8775050  
**COURSE CREDIT:** 1

10.0 DEMONSTRATE APPROPRIATE MATH SKILLS--The student will be able to:

- 10.01 Identify and use measuring tools.
- 10.02 Add, subtract, multiply, and divide using fractions, decimals, and whole numbers.
- 10.03 Determine the correct purchase price to include sales tax.

11.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:

- 11.01 Describe the importance of entrepreneurship to the American economy.
- 11.02 List advantages and disadvantages of business ownership.
- 11.03 Identify the risks and documents involved in ownership of a business.
- 11.04 Identify the necessary personal characteristics of a successful entrepreneurship.
- 11.05 Identify the business skills needed to operate a small business efficiently and effectively.
- 11.06 Identify the Florida State requirements for ownership of a business.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**COURSE TITLE:** Upholstery and Furniture Refinishing 6  
**COURSE NUMBER:** 8775060  
**COURSE CREDIT:** 1

12.0 CONSTRUCT COVERS--The student will be able to:

- 12.01 Construct a box cushion cover.
- 12.02 Construct a knife edge cushion cover.
- 12.03 Construct a "T" cushion cover.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**Course Name:** Upholstery 7  
**Course Number:** 8775070  
**Course Credit:** 1

13.0 BUILD FOUNDATIONS--The student will be able to:

- 13.01 Respring a sofa.
- 13.02 respring a chair.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**Course Name:** Upholstery 8  
**Course Number:** 8775080  
**Course Credit:** 1

14.0 CONSTRUCT FANCY COVERS--The student will be able to:

- 14.01 Construct a pleated cushion cover.
- 14.02 Construct a cushion cover with inside springs.
- 14.03 Construct an attached cushion seat cover.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**Course Name:** Upholstery 9  
**Course Number:** 8775090  
**Course Credit:** 1

15.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:

- 15.01 Describe the importance of entrepreneurship to the American economy.
- 15.02 List advantages and disadvantages of business ownership.
- 15.03 Identify the risks and documents involved in ownership of a business.
- 15.04 Identify the necessary personal characteristics of a successful entrepreneurship.

16.0 USE UPHOLSTERY SKILLS--The student will be able to:

- 16.01 Repair frame.
- 16.02 Construct decorative items.

July 2001

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**COURSE TITLE:** Upholstery 10  
**COURSE NUMBER:** 8775091  
**COURSE CREDIT:** 1

18.0 USE ADVANCED UPHOLSTERY SKILLS--The student will be able to:

- 18.01 Reconstruct deck with coil springs.
- 18.02 Reconstruct deck with zigzag springs.
- 18.03 reconstruct deck with rubber springs.
- 18.04 Cover inside arms and/or wings.
- 18.05 Construct standard back.
- 18.06 Construct a loose pillow back.
- 18.07 Construct a barrel back.
- 18.08 Construct a mock diamond-tufted back.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**OCCUPATIONAL AREA:** Industrial Education  
**PROGRAM TITLE:** Upholstery and Furniture Refinishing  
**PROGRAM NUMBER:** 8775000  
**COURSE TITLE:** Upholstery 11  
**COURSE NUMBER:** 8775092  
**COURSE CREDIT:** 1

17.0 DEMONSTRATE AN UNDERSTANDING OF BUSINESS SKILLS--The student will be able to:

- 17.01 Identify the business skills needed to operate a small business efficiently and effectively.
- 17.02 Identify the Florida State requirements for ownership of a business.

18.0 USE ADVANCED UPHOLSTERY SKILLS--The student will be able to:

- 18.09 Construct a diamond-tufted back.
- 18.10 Construct an attached pillow/bay back.
- 18.11 Construct a channel back.
- 18.12 Cover outside arms and/or wings.
- 18.13 Cover outside back.