SAN BERNARDINO VALLEY COLLEGE

COURSE OUTLINE FOR FLOOR 011AX3 FLOORING INSTALLATION: CARPET LABORATORY

I. CATALOG DESCRIPTION:

Department:Floor InstallationFLOOR 011AX3:Flooring Installation: Carpet Laboratory1 2 hours laboratory = ½ unitCatalog Description:Practical application of techniques for installation of carpet,including methods of measuring, selecting appropriate products, and installation.Schedule Description:Practical application of techniques for installation of carpet.Prerequisite:FLOOR 010ACorequisite:None

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: Three

III. EXPECTED OUTCOMES FOR STUDENTS:

Upon completion of this course, students will be able to:

- A. Correctly calculate material for various floor configurations and flooring materials.
- B. Install carpet using appropriate adhesives, cutting techniques, and installation methods.
- C. Use correct tools for cutting and installing flooring materials.
- D. Demonstrate employability skills, including work habits and ethics, teamwork, and communication skills.
- E. Identify characteristics of various materials used in the trade.
- F. Practice appropriate safety measures for carpet installation.

IV. CONTENT:

- A. Carpet
 - 1. Work order
 - 2. Natural and synthetic fiber carpets
 - 3. Blueprints and sketches
 - 4. Floor surface
 - 5. Various padding
 - 6. Appropriate techniques
 - 7. Custom installation
 - 8. Safety measures for carpet installation

B. Employability Skills

- 1. Job information
- 2. Effective working relationships, teamwork, and cooperation
- 3. Resume, letters, and job application
- 4. Work habits and ethics, punctuality, and a positive attitude

V. METHODS OF INSTRUCTION:

Methods of instruction will vary from instructor to instructor but may include:

- A. Demonstration by instructor
- B. Guided laboratory practice by the learner
- C. Guided field experience by the learner and demonstrations by field experts

VI. TYPICAL ASSIGNMENTS:

Typical assignments will vary from instructor to instructor but may include:

- A. Calculate floor material necessary for a given room configuration using flooring worksheets and formulas.
- B. Complete a log of field experiences, i.e. the differences in flooring installation due to flooring type.
- C. Write a resume and complete a job application appropriate for acquiring a position in the flooring industry.

VII. EVALUATION(S):

- A. Methods of evaluation will vary from instructor to instructor but may include:
 - 1. Successful completion of field tasks in accordance with laboratory instruction and field expert=s guidance by installing a sample flooring project.
 - 2. Completion of field log demonstrating understanding of installation procedures.
- B. Frequency of evaluation will vary from instructor to instructor but may include:
 - 1. Minimum of ten field tasks
 - 2. Minimum of ten field logs

VIII. TYPICAL TEXT(S):

<u>Builder=s Guide to Floors</u>, Peter Fleming, 1997 <u>Floor Covering: Resilient Coverings - Mathematics Review</u>, California Department of Education, 1994

IX. OTHER SUPPLIES REQUIRED OF STUDENTS:

To comply with OSHA safety standards and recommended product safety measures, students will need to use the following during lab/field experiences: Safety glasses* Stair tucking tool Back brace* Face mask* Knee pads (optional)* Carpet knife* Utility knife* Utility knife replaceable blades* Knife pouch* Linoleum knife* Carpet shears* 25' tape measure* Hammer Wood nails (1-1/4")Trimmer blade Carpet blade Hook blade Aviation snips Rubber gloves Cement nails (2'')(3/4'')Cutting blade 7" tin snips (for tack strips) Seaming tape Seaming iron Knee kicker Multi-purpose wall trimmer Cushion back trace cutter

*Each student needs to purchase

Drawer stretcher Hammer stapler and staples Vacuum cleaner (shop vac) Electric tacker Carpet and linoleum roller Power stretcher Straight edge 3' Drive bar Level 3' Chalk line Triangle (for border) Trowel (carpet, vinyl) Spreader (adhesive) Tile cutter Sponges VCT tile cutter Grout float Jig saw (wood) Wet cutter (ceramic tile) Table saw or redial arm Tack strip (consumable) Carpet tape (consumable) Steel rollers Star action roller Ripping bar molding lifter

Content Review Form PREREQUISITE COURSE

Target Course:	FLOOR 011AX3:	Flooring Installation:	Carpet Laboratory
Prerequisite Course:	FLOOR 010A:	Flooring Installation:	Carpet

Instructions:

- 1. List exit competencies (skills) from Prerequisite Course. These skills are listed in the "Student Outcomes" section of the Course Outline ("upon completion of the course, the student should be able to…")
- 2. Indicate which of the listed exit competencies (skills) are necessary entry skills needed for success in the target course. Mark with an "X" each needed skill.
- 3. Indicate the degree of importance of each needed entry skill for course success, using the following rating scale: 1=Critical 2=Very Helpful 3=Desirable

Skills Analysis

Exit Skills in Prerequisite Course	Entry Skills Needed for Success	Degree of Importance
	in Target Course	(Rate 1 – 3)
	(Mark with an X if needed.)	

1.	Correctly calculate material for various floor configurations and flooring materials.	Х	1
2.	Install carpet using appropriate adhesives, cutting techniques, and installation	A	1
	methods.	Х	
3.	Use correct tools for cutting and installing		1
	carpet.	Х	
4.	Demonstrate employability skills, including work habits and ethics, teamwork,		
	communication skills, and writing a		1
	resume/job application.	Х	
5.	Define trade organizations, such as union		
	shops, non-union shops, and industry		1
	suppliers.	Х	
6.	Identify characteristics of various materials		1
	used in the trade.	Х	
7.	Practice appropriate safety measures for		

carpet installation.