

Last updated: 9/99

## SAN BERNARDINO VALLEY COLLEGE

### COURSE OUTLINE FOR FLOOR 010A FLOORING INSTALLATION: CARPET

#### I. CATALOG DESCRIPTION:

Department: Floor Covering  
FLOOR 010A: Flooring Installation: Carpet  
½ hour lecture, 1 ½ hours laboratory = 1 unit

**Catalog Description:** Theory and practical application of techniques for installation of carpet including methods of measuring and selecting appropriate products. Employment in the industry will also be addressed.

**Schedule Description:** Instruction and practical application of techniques for installation of carpet.

Prerequisite/Corequisite: None

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

#### 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 carpet.
- D. Demonstrate employability skills, including work habits and ethics, teamwork, communication skills, and writing a resume/job application.
- E. Define trade organizations, such as union shops, non-union shops, and industry suppliers.
- F. Identify characteristics of various materials used in the trade.
- G. Practice appropriate safety measures for carpet installation.

#### IV. CONTENT:

- A. Carpet
  1. Contents of job work orders
  2. Natural and synthetic fiber carpets
  3. Carpet and foundation material cutting according to blueprints and sketches
  4. Floor surfaces
  5. Various padding
  6. Carpet laying techniques
  7. Border materials for custom installation
  8. Safety measures for carpet installation
- B. Employability Skills
  1. Job information
  2. Working relationships, teamwork, and cooperation

3. Resume, letters, and job application
4. Work habits and ethics, punctuality, and a positive attitude as necessary to employment
5. Grooming and dress standards for interviews
6. Job application: Legibility, correctness, and completeness

**V. METHODS OF INSTRUCTION:**

The methods of instruction include, but are not limited to:

- A. Lecture and 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:**

- A. Read assigned material from textbook and prepare to discuss topics in classroom discussion.  
Typical Questions:
  1. Identify natural and synthetic fiber carpets.
  2. Describe the proper adhesives for use with carpets.
- B. Calculate carpet necessary for a given room configuration using flooring worksheets and formulas.
- C. Write a resume and complete a job application appropriate for acquiring a position in the carpet installation industry.

**VII. EVALUATION(S):**

- A. Methods of Evaluation:
  1. Oral and written tests  
Typical Questions:
    - a. Describe the appropriate tools for cutting and installing carpet.
    - b. Identify appropriate techniques of laying carpet.
  2. Successful completion of field tasks in accordance with classroom instruction and field expert's guidance by installing a sample flooring project.
  3. Completion of field log demonstrating understanding of installation procedures.
- B. Frequency of Evaluation:
  1. Weekly test
  2. Minimum of ten field tasks
  3. Minimum of ten field logs

**VIII. TYPICAL TEXT(S):**

Builder's Guide to Floors, Peter Fleming, 1997

**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 *	Drawer stretcher
Face mask *	Hammer stapler and staples
Knee pads (optional) *	Vacuum cleaner (shop vac)
Carpet knife *	Electric tacker
Utility knife *	Carpet and linoleum roller
Utility knife replaceable blades *	Power stretcher
Knife pouch *	Straight edge 3'
Linoleum knife *	Drive bar
Carpet shears *	Level 3'
25' tape measure *	Chalk line
Hammer	Triangle (for border)
Wood nails (1-1/4")	Trowel (carpet, vinyl)
Trimmer blade	Spreader (adhesive)
Carpet blade	Tile cutter
Hook blade	Sponges
Aviation snips	VCT tile cutter
Rubber gloves	Grout float
Cement nails (1/2")(3/4")	Jig saw (wood)
Cutting blade	Wet cutter (ceramic tile)
7" tin snips (for tack strips)	Table saw or radial arm
Seaming tape	Tack strip (consumable)
Seaming iron	Carpet tape (consumable)
Knee kicker	Steel rollers
Multi-purpose wall trimmer	Star action roller
Cushion back trace cutter	Ripping bar molding lifter

\*Each student needs to purchase