

Last updated: 9/99

## SAN BERNARDINO VALLEY COLLEGE

### COURSE OUTLINE FOR FLOOR 010B

#### Flooring Installation: Sheet Vinyl, Vinyl Tile, and Composition Tile

#### I. CATALOG DESCRIPTION:

Department: Floor Covering  
FLOOR 010B: Flooring Installation: Sheet Vinyl, Vinyl Tile, and Composition Tile

½ hour lecture, 1 ½ hours laboratory = 1 unit

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

**Schedule Description:** Instruction and practical application of techniques for installation of sheet vinyl, vinyl tile, and composition tile.

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 various flooring (sheet vinyl, vinyl tile, and composition tile) 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, 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 sheet vinyl, vinyl tile, and composition tile floors installation.

#### IV. CONTENT:

- A. Sheet Vinyl, Vinyl Tile, and Composition Tile
  1. Safety measures for installation of sheet vinyl, vinyl tile, and composition tile
  2. Proper adhesives used with sheet vinyl
  3. Installation materials
  4. Pattern and scribe technique
  5. How to measure, calculate, and cut sheet vinyl, and tiles according to blueprints and sketches for various floor configurations, including square, rectangle, diagonal, and rooms with permanent floor fixtures
  6. How to lay out center lines, guidelines, and borderlines on foundation with a chalk line
  7. How to spread adhesive on foundations

8. How to lay sheet vinyl or tiles to keep material straight and align patterns and create designs
  9. How to cap edges of vinyl
- 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. Describe the safety measures for installation of sheet vinyl, vinyl tile, and composition tile.
  2. Describe the proper adhesives for use with sheet vinyl.
- B. Calculate floor material necessary for a given room configuration using flooring worksheets and formulas.
  - C. Complete a log of field experiences, i.e. the differences in flooring installation due to flooring type.
  - D. Write a resume and complete a job application appropriate for acquiring a position in the flooring industry.

**VII. EVALUATION(S):**

- A. Methods of Evaluation:

1. Oral and written tests

Typical Questions:

- a. Describe the steps necessary to create a template for floor using pattern and scribe technique.
  - b. Describe how to prepare a floor surface appropriately for material to be installed.
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

Floor Covering: Resilient Coverings - Mathematics Review, 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 *	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