

Last updated: 1/00

SAN BERNARDINO VALLEY COLLEGE

**COURSE OUTLINE FOR FLOOR 011AX3
FLOORING INSTALLATION: CARPET LABORATORY**

I. CATALOG DESCRIPTION:

Department: Floor Installation

FLOOR 011AX3: Flooring Installation: Carpet Laboratory

1 2 hours laboratory = ½ unit

Catalog 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 010A

Corequisite: 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

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

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 radial arm
Tack strip (consumable)
Carpet tape (consumable)
Steel rollers
Star action roller
Ripping bar molding lifter

*Each student needs to purchase

**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 in Target Course (Mark with an X if needed.) | Degree of Importance (Rate 1 – 3) |
|------------------------------------|---|--------------------------------------|
|------------------------------------|---|--------------------------------------|

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