

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

_____ Transfer Course A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: CFT-164 Cabinet Installation

UNIT VALUE: .5, 1.0

MINIMUM NUMBER OF SEMESTER HOURS: 16/32

BASIC SKILLS REQUIREMENTS: Appropriate language, writing and computation skills

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Installation of both face frame and European (32mm) cabinetry. Topics include: Understanding wall structure, measuring and planning for installation, review of cabinet construction with emphasis on installation, in-depth discussion of the tools, jigs, and techniques used for installation, installation of lower face frame cabinets, installation of upper European (32mm) cabinets, finished scribing of molding.

SPECIFIC COURSE OBJECTIVES:

The students will:

1. Apply principles of shop safety
2. Compare European (32mm) and face frame installation techniques
3. Contrast the strength and complexity of different installation techniques
4. Demonstrate the use of triangles and levels to plan cabinet installation
5. Use advanced industrial tools to layout cabinet installation
6. Demonstrate appropriate installation technique for each cabinet type
7. Demonstrate increased skills in scribing molding

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

I Introduction

1. Definitions of construction, installation and cabinet terminology

2. Evolution of cabinetry and growth of an industry

II. Overview of installation

1. Understanding wall structure
2. Measuring and layout tools, tips, trick, and techniques
3. Compare and contrast cabinet construction with respect to installation methods and requirements
4. Planning the installation
5. Tools used for installation (both common and industrial)
6. Installation aids and jigs

III. Layout and Preparation

1. Checking corner square ness
2. Level alignment and use

IV. Lower cabinet installation

1. European levelers and techniques
2. Cleat and level technique
3. Integral toe kick
4. Toe box with sleepers
5. Student installation exercise

V. Upper cabinet installation

1. Removable cleat technique
2. Super box with cleat technique
3. French cleat technique
4. Student installation exercise

VI. Scribing molding to finish installation

VII. Student critique and evaluation

REQUIRED READING:

Selected published articles on cabinet installation: tools, methods, and techniques

SUGGESTED READING:

Tolpin, James. Building Traditional Kitchen Cabinets. Newtown, CT: The Tauton Press, 1994

Time-Life Books. The Art of Woodworking: Kitchen Cabinets. Alexandria, VA: Time-Life Books, 1996

Savage, Craig. Trim Carpentry Techniques: Installing Doors, Windows, Base and Crown. Newtown, CT: The Tauton Press, 1989

REQUIRED WRITING:

Required notebook for class notes and instructor handouts.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

Participation	40%
Site Preparation and Layout	10%
Lower Cabinet Installation	20%
Upper Cabinet Installation	20%
Scribing	10%

The final exam will consist of student/instructor/class discussion of their skill and craftsmanship development.

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes No Number of times course may be taken for credit: 2

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:58161@2(A)

CONTACT PERSON:

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SIGNATURES ON FILE