

**PALOMAR COLLEGE**  
**COURSE OUTLINE OF RECORD FOR**  
**DEGREE CREDIT COURSE**

\_\_\_\_\_ Transfer Course  X  A.A. Degree applicable course  
(check all that apply)

**COURSE NUMBER AND TITLE:** CFT-169 Cabinetmaking/Computer Cabinet Layout

**UNIT VALUE:** 2,3,4

**MINIMUM NUMBER OF SEMESTER HOURS:** 64,96,128 lecture/laboratory

**BASIC SKILLS REQUIREMENTS:** Appropriate language, writing and computational skills

**ENTRANCE REQUIREMENTS**

**PREREQUISITE:** CFT-105 Machine Woodworking/Furniture

**COREQUISITE:** None

**RECOMMENDED PREPARATION:** None

**SCOPE OF COURSE:**

Selection and application of appropriate software as developed for the cabinet industry. Development of industrial standard cabinet plans and specifications utilizing personal-size computer and software programs.

**SPECIFIC COURSE OBJECTIVES:**

The student will:

1. Compare and contrast industrial cabinet construction methods.
2. Evaluate cabinet specifications.
3. Apply principles of shop safety.
4. Compare cabinet computer software packages.

**CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:**

- I. Computer Familiarization
  - A. Keyboard
  - B. Monitor
  - C. Drives
  - D. Printer
  - E. File creation
  - F. Systems
  - G. Language
- II. Software
  - A. Analysis/capability
  - B. Types
  - C. Loading

- III. Layout/Development
  - A. Shop drawing
    - 1. Types
    - 2. Dimensioning
  - B. Specifications
    - 1. Rail sizes
    - 2. Stile sizes
    - 3. Door openings
    - 4. Drawer openings
    - 5. Appliance considerations
    - 6. Door type
    - 7. Drawer type
    - 8. Kick size
    - 9. Materials
    - 10. Hinging
- IV. Safety

**REQUIRED READING:**

Extensive instructor-originated class information sheets.

**SUGGESTED READING:** NONE

**REQUIRED WRITING:**

A written notebook is required of all students. Student will, within a period of one week, rewrite their notes taken in class, supplementing and augmenting such class notes with information derived from suggested reading and instructor-originated information sheets.

**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):

- |    |   |     |
|----|---|-----|
| 1. | Participation:                                    | 20% |
| 2. | Tests:  | 25% |
| 3. | Learning project:                                 | 30% |
| 4. | Notebook and design paper or product development: | 25% |

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

Yes X No \_\_\_\_\_ Number of times course may be taken for credit: 4

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: Chris Feddersohn ext. 2556**

**SIGNATURES ON FILE**