

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-161 Tables/Prototype Construction

UNIT VALUE: 2,3,4

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

BASIC SKILLS REQUIREMENTS: Appropriate language and computation skills

ENTRANCE REQUIREMENTS

PREREQUISITE: CFT-105

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Table design and construction. Machine tool operations necessary to produce various table leg, trussel, and base designs.

SPECIFIC COURSE OBJECTIVES:

Students will:

1. Identify the major evolution of table design.
2. Identify and analyze the major types and classifications of tables.
3. Compare and contrast tables in terms of consumer usage and practicality.
4. Evaluate furniture pieces, tables specifically, in terms of joinery solutions.
5. Analyze and demonstrate ability to solve joinery solutions in execution of table.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. History of Tables
 - A. Aesthetic
 - 1. Styles
 - 2. Periods
 - 3. Eras
 - B. Functional History
- II. Types of Tables
 - A. Refractory
 - B. Pembroke
 - C. Nested
 - D. Occasional
 - 1. Coffee
 - 2. Cocktail
 - 3. Sofa
 - 4. End
 - E. Modular
 - F. Bedroom
 - G. Conference
 - H. Serving
 - 1. Working
 - 1. Drafting
 - 2. Work
 - J. Compare
 - K. Contrast
- III. Joinery
 - A. Sculpted
 - B. Exposed
 - C. Hidden
 - D. Relation to Aesthetics
 - E. Relation to Function
 - F. Types
 - 1. Mortise and Tenon
 - 2. Dovetail
 - a. Open
 - b. Sliding
 - c. Through
 - 3. Dowel
 - 4. Lap
 - a. Half
 - b. Full
 - c. Cross
 - d. End
 - G. Compare in Relation to Design/Function
 - H. Contrast in Relation to Design/Function
- IV. Material Selection
 - A. Suitability
 - B. Grain Relationships
 - C. Relation to Cost
- V. Ergonomic Considerations
 - A. Critical Body Measurements
 - B. Individual Considerations

1. Male
2. Female
3. Body Type/Size

REQUIRED READING:

Cabinet and Furniture Technology Safety Manual (Revised yearly)

Extensive instructor-originated class information sheets, which are then summarized and included in the instructor-evaluated notebook submitted by all students.

SUGGESTED READING:

Frid, Tage. Tage Frid Teaches Woodworking, Book 1: Joinery. Newtown: The Taunton Press, 1985.

Frid, Tage. Tage Frid Teaches Woodworking, Book III: Furniture. Newton: The Taunton Press, 1985.

Joyce, Ernest. Encyclopedia of Furniture Making. New York: Sterling Publishing Co., Inc. 1979.

Tilley, Alvin and Joan Bardogiy. Humanscale 1,2,3. New York: Henry Dreyfuss Associates, 1974.

Maloof, Sam. Sam Maloof, Woodworker. New York: Kodanoha International, Ltd., 1983.

Moser, Thomas. Measured Shop Drawings for American Furniture. New York: Sterling Publishing Co. Inc., 1985.

Fine Woodworking. Newton: The Taunton Press, Inc.

The American Woodworker. Hendersonville: JM Publications Inc.

REQUIRED WRITING:

A Written 30-page notebook is required of all students. Students 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 (see listing) and instructor-originated information sheets. AU drawings in the notebook will be redrawn to reproduction standards. Students will complete a minimum of two written exams, each exam consists of 3-4 written pages. Questions may include mathematical and algebraic functions, and analytical problem solving.

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.

Each student will complete a 30-page class notebook. Three hours of outside assignments per week. Each student is responsible for required reading. Each student is responsible for required reading. Each student is responsible for rewriting their lecture/demonstration notes taken in class, adding relevant information derived from the required reading. Proper English grammar and structure is required.

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):

Final grades will be based on the following factors:

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|----|---|-----|
| 1. | Participation | 20% |
| 2. | Tests | 25% |
| 3. | Learning Project | 30% |
| 4. | Notebook, Design Paper or Product Development | 25% |

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

Yes No Number of times course may be taken for credit: 3

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable: 58161 D2A

CONTACT PERSON: Chris Feddersohn ext. 2556

SIGNATURE ON FILE