

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-152 Veneering Technology II

UNIT VALUE: 2,3,4

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

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills

ENTRANCE REQUIREMENTS

PREREQUISITE: CFT-151

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Study and practice of advanced veneering techniques which includes working with radius shapes, hand and machine marquetry techniques, hammer veneering, and installation of bandings and stringings. Students will demonstrate their abilities in the construction of a small piece of furniture.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Build forms for and apply veneer to radius surfaces.
2. Use animal hide glue with hammer veneering techniques to apply veneer.
3. Manufacture veneer Bandings and prepare furniture surfaces for proper installation
4. Design and create marquetry pictures.
5. Manufacture and install inlays and stringings.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Course Introduction
- II. Veneering a Radius Surface
 - A . Serpentine drawer fronts
 1. Applications
 2. Making forms
 3. Creating core stock

4. Material choices
 5. Proper glue
 6. Pressing options
- B. Making columns
1. Applications
 2. Resources for core stock
 3. Solid vs. hollow forms
 4. Design considerations for pressing hollow forms
 5. Creating tight seams
- III. Animal Hide Glue and Hammer Veneering
- A. Making a veneer hammer
 - B. Tooothing plane and its use
 - C. Laying veneer with hide glue
- IV. Bandings
- A. Historical applications
 - B. Making and installing a simple banding
- V. Stringings and Inlay
- A. Cutting a groove
 1. Router techniques
 2. Scratch beader : how to sharpen and use
 - B. Material choices
 - C. Sources of supply
 - D. Historical applications
 - E. Letting into the surface
 - F. Leveling the surface after installation
- VI. Marquetry
- A. Making a sawing table
 - B. Material selection
 - C. Frett saw use
 - D. Shading veneers
 - E. Taping the parts(assembly)
 - F. Gluing the final picture
 - G. Scraping and sanding the completed picture
- VII. Specialty Topics
- A. Working with routers and template guides
 1. Doing repairs
 2. Installing inlays
 3. Making patterns
 - B. Silver wire inlay
 - C. Parquetry
 - D. Intarsia

REQUIRED READING:

Selected published articles provided by the instructor.

SUGGESTED READING: None

REQUIRED WRITING:

Student generated three-ring binder notebook of class handouts and class notes.

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):

- Class assignments – 30 % of total grade
- Notebook – 20 % of total grade
- Exam – 20 % of total grade
- Project – 20 % of total grade
- Attendance – 10 % of total grade

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 c, 2,a

CONTACT PERSON: Dave Thomsen ext.2554

SIGNATURES ON FILE