

Clatsop Community College

BLD 228-D2: HPR Techniques: Woodwork Restoration

Winter 2011

1 credit hour

Instructor: Pam Chestnut (plc19@seasurf.net - 503 325-3245)

Location: MERTS auto shop

Time: Friday and Saturday, March 11th & 12th, 9:00 - 4:00

Course Description

Practical application of analysis, methods and skills for historic interior wood trim and surface prepping and refinishing. Students become familiar with various historic trim profiles and finishes, worn finish removal tools and techniques, wood smoothing procedures, stain matching and application of various finishes.

Course Learning Outcomes

After completing this course, students will be able to:

- Hone and use a cabinet/card scraper to smooth flat surfaces
- Grind custom profile scrapers
- Utilize machine-made contour scrapers
- Carefully remove worn finishes from historic trim and surfaces
- Perform appropriate surface preparation for finishes
- Match wood stain coloring
- Distinguish characteristics and uses of various wood finishes
- Choose appropriate finishes for specific projects
- Correctly apply selected finish materials
- Renew, protect and reuse vintage woodwork and furnishings

Required Materials

Please bring your N100 respirator masks, protective glasses and ear protection for use with the metal grinding. Necessary tools and materials will be provided. You are encouraged to bring any of your own tools you would like to experiment with, such as sanding block, ultra fine-point sharpie, rags, or machine-made contour scrapers.

Please feel free to bring a refinishing project you may have, for example a cruddy old profile trim pieces from your basement or a butcher block you'd like to renew. You are welcome to grind a custom profile scraper for a personal project (bring a piece of the material). Bring old putty knives to custom grind if you'd like to create more than one.

Grading

A: Attend both days and actively participate

B: Attend both days and attempt projects

C: Attend both days

D: Miss one day

F: Miss one day and fail to participate