

# Minnesota State College Southeast

## GTRB 1450: Introduction to Finishing

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 1

Lab Hours/Week: 6

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: GTRB 1440 and GTRB 1445

MnTC Goals: None

This course covers finish touch-up techniques including burn-ins, padding, brushing and graining techniques. Finish application techniques covered will include: hand applied color, hand applied finishes, sunbursts, french padding as well as sprayed nitrocellulose lacquer & shellac. Color theory and color matching will also be practiced. (Prerequisite: GTRB1400) (Concurrent enrollment in GTRB1440 and GTRB1445) (4 credits: 1 lecture/3 lab)

**B. COURSE EFFECTIVE DATES:** 02/06/2009 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Proper wood preparation
2. Proper spraying techniques
3. Coloring techniques
4. Pore-filling techniques
5. Abrading finishes
6. Polishing finishes
7. Touch up techniques

### D. LEARNING OUTCOMES (General)

1. Prep Work: Students will learn proper wood sanding techniques for a surface that is suitable for finishing
2. Spraying Techniques: Students will learn and practice how to apply finishes with a spray gun with proper speed, distance and overlap. Applying color with a spray gun will also be done for creating a sunburst finish
3. Color Techniques: Finishing projects will use a variety of stain and dye coloring techniques for both raw wood and coloring finishing materials. Color theory will also be practiced for matching colors for repair work and creating custom colors
4. Pore Fillers: Students will practice paste wood filling using different solvent based paste fillers. Water-based paste fillers will also be studied and discussed
5. Abrading & Polishing: Students will learn about and practice a variety of abrading and polishing techniques for the various steps involved with wood finishing
6. Touch-up Work: Students will learn and practice burn-in, graining, padding and drop fill techniques for finish touch ups

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted