

Minnesota State College Southeast

ABCT 1355: Refinishing 3

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 1

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Refinishing 3 is third in a series of refinishing courses and is intended to provide experience in the most advanced levels of vehicle refinishing. Included are the study of color theory and achieving blendable paint matches. Water borne paint technology is introduced and students switch to use of it for color application in this course and advanced labs. Tri-stage paint application and custom painting techniques and materials are introduced. The opportunity is available for students to explore custom painting techniques using air brushes, mini guns, and many other tools. (Prerequisites: ABCT1155, ABCT1255, and 6 credits of refinishing and production labs) (2 credits: 1 lecture/1 lab)

B. COURSE EFFECTIVE DATES: 02/23/2015 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Development of paint plan from start to finish including product usage and equipment set-up
2. Utilization of color theory to correctly achieve a blendable paint match
3. Perform waterborne color application
4. Test tri-stage color match and perform color matching techniques
5. Explore custom paint techniques and pigments

D. LEARNING OUTCOMES (General)

1. Identify and exhibit safe refinishing practices
2. Utilize paint manufactures recommendations and directions for products
3. Maintain refinishing equipment
4. Demonstrate knowledge of paint equipment set-up and operation
5. Develop a paint plan for various vehicle repairs
6. Demonstrate knowledge of solid color theory
7. Demonstrate knowledge of metallic color theory
8. Test paint color match
9. Tint paint to a blendable match
10. Demonstrate knowledge of waterborne paint
11. Apply waterborne paint products
12. Paint multi-contour vehicle part
13. Demonstrate knowledge of tri-stage paint finish and apply to vehicle part(s)
14. Explore custom paint techniques
15. Describe custom paint colors and products
16. Utilize air brushes, mini guns, and striping brushes on small projects
17. Complete an instructor approved custom paint project
18. Complete course assignments, quizzes, and tests
19. Exhibit professionalism

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted