ABCT 1265: Refinishing Lab

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: *
Lab Hours/Week: 4
OJT Hours/Week: *
Prerequisites: None
Corequisites: None
MnTC Goals: None

This lab is intended to provide time needed to perform refinishing procedures for parts and vehicle areas needing refinishing for a variety of reasons. This includes pre-sanding cleaning, paint plan development, abrading of panels, mixing of paint products, application procedures, maintenance of spray equipment, and detailing of paint defects. (Prerequisites or concurrent: ABCT1115 and ABCT1255) (2 credits: 0 lecture/2 lab)

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Preparation of vehicle and parts for refinishing
2. Paint product identification and development of paint plan
3. Application of paint products
4. Detailing of paint defects
5. Maintenance of paint spray equipment
D. LEARNING OUTCOMES (General)
  1. Exhibit safe and professional practices
  2. Maintain paint spray equipment
  3. Develop paint plan for vehicle or parts to be refinished
  4. Secure paint code and interrupt for vehicle or parts to be refinished
  5. Clean panels for abrading for refinishing
  6. Abrade parts or vehicle area for refinishing
  7. Clean panels for top coat application
  8. Interrupt paint data sheets for application procedures
  9. Mix paint materials
 10. Set-up paint spray equipment
 11. Apply seam sealers and chip coating as required
 12. Apply sealer
 13. Apply color coats
 14. Apply clear coat
 15. Identify paint defects and determine correction methods
 16. Detail the paint finish
 17. Complete required documentation and vehicle file information
 18. Participate in shop clean-up
 19. Complete weekly log

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted