

Dakota County Technical College

ABCT 1130: Refinishing Preparation I

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 1

Lab Hours/Week: 1

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers refinishing safety, refinishing equipment, masking and surface preparation procedures.
Prerequisite: ABCT1120 and ABCT1142

B. COURSE EFFECTIVE DATES: 08/19/2002 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Describe refinishing safety
2. Describe refinishing safety equipment
3. Select personal safety equipment for refinishing preparation
4. Use personal sanding respirator
5. Use NIOSH approved respirator
6. Use fresh air respirator system
7. Perform refinishing safety procedures
8. Describe federal, state, and local environmental laws and regulations
9. Describe Right to Know law
10. Inspect shop for safety compliance
11. Describe refinishing equipment
12. Select proper spray gun and spray gun setup for different refinishing materials
13. Adjust spray gun
14. Perform refinishing equipment maintenance
15. Describe vehicle cleaning procedures
16. Wash vehicle
17. Use wax and grease remover
18. Analyze paint surface conditions
19. Measure mil thickness of paint
20. Formulate refinishing preparation plan
21. Describe refinishing abrasives
22. Select refinishing abrasive
23. Perform sanding procedures
24. Describe product data sheets
25. Interpret product data sheets
26. Describe undercoat materials
27. Describe undercoat preparation procedures
28. Describe vehicle masking procedures
29. Perform masking for undercoat application
30. Perform reverse masking
31. Describe paint booth procedures
32. Operate and maintain paint booth
33. Describe undercoat mixing, reduction and catalyzing procedures
34. Apply etch primer
35. Apply primer-surfacer
36. Apply guide coat
37. Describe undercoat sanding procedures
38. Perform scuffing procedures
39. Describe vehicle information label
40. Interpret vehicle information label
41. Locate paint code
42. Interpret paint code
43. Describe paint stripping procedures
44. Strip paint

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted