AUTO BODY PLASTIC REPAIR — ABCT 1230

A. Course Description
   ◦ Credits: 2.00
   ◦ Lecture Hours/Week: 1.00
   ◦ Lab Hours/Week: 1.00
   ◦ OJT Hours/Week: 0
   ◦ Prerequisites: None
   ◦ Corequisites: None
   ◦ MnTC Goals: None

This course covers the different methods of repairing automotive plastics. Prerequisites: ABCT1130, ABCT1142, ABCT1214 or BSEP1301, and ABCT1216.

B. Course Effective Dates: 3/15/98 – Present

C. Outline of Major Content Areas
   As noted on course syllabus

D. Learning Outcomes
   1. Describe SMC repair methods
   2. Describe automotive plastics
   3. Describe fiberglass repair
   4. Describe flexible plastic refinishing procedures
   5. Describe nitrogen plastic welding.
   6. Describe padded dash repair procedures
   7. Describe pinning repair methods
   8. Describe plastic cleaning procedures
   9. Describe plastic identification procedures
   10. Describe plastic repair methods
   11. Describe plastic repair safety
   12. Describe plastic texturing procedures
   13. Describe rigid plastic refinishing procedures
   14. Perform airless mounting tab fabrication
   15. Perform fiberglass repair
   16. Perform flexible plastic refinishing
17. Perform hot air plastic welding
18. Perform nitrogen plastic weld on PP
19. Perform nitrogen plastic weld on TPO-TEO
20. Perform one sided SMC repair
21. Perform one sided adhesive repair on PUR
22. Perform one sided airless welding on ABS
23. Perform one sided airless welding on PP
24. Perform one sided airless welding on PUR
25. Perform one sided airless welding on TPO
26. Perform padded dash repairs
27. Perform plastic cleaning
28. Perform plastic identification
29. Perform plastic texturing
30. Perform rigid plastic refinishing
31. Perform stitch-tamp airless weld on ABS
32. Perform two sided SMC repair
33. Perform two sided adhesive repair on TPO
34. Perform two sided airless welding
35. Replace SMC panels

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

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted