



South Central College

ABCT 2900 Auto Body Lab

Course Outcome Summary

Course Information

Description	This course will allow the students to develop and to practice skills needed in the auto body industry through hands-on experience.
Total Credits	4
Total Hours	128

Types of Instruction

Instruction Type

Credits/Hours

Lab Credits available 1 to 4

Pre/Corequisites

None

Institutional Core Competencies

Civic Engagement and Social Responsibility - Students will be able to demonstrate the ability to engage in the social responsibilities expected of a community member.

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. **The following list of course goals will be addressed in the course. These and the performance objectives goals are directly related.**
2. **Exhibit professionalism.**
3. **Comply with personal and environmental safety practices associated with clothing and the use of gloves; respiratory protection; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals/materials in accordance with local, state, and federal safety and environmental regulations.**
4. **Locate and interpret vehicle identification tags.**

5. Prepare estimates.
6. Photo documentation of repair.
7. Perform vehicle pre-inspection.
8. Analyze primary damage.
9. Analyze secondary damage.
10. Analyze mechanical component damage.
11. Order parts/materials.
12. Select refinishing system.
13. Evaluate color match.
14. Mix refinish color and evaluate.
15. Measure unibody.
16. Measure conventional frame.
17. Repair unibody structures.
18. Repair conventional body structure.
19. Remove mechanical components.
20. Repair or replace mechanical components.
21. Adjust mechanical components.
22. Perform four-wheel alignment.
23. Align sheet metal panels.
24. Repair sheet metal damage.
25. Install bolt-on-sheet metal panels.
26. Install welded-on-sheet metal panels.
27. Install adhesive bond panels.
28. Remove, repair, or replace trim, hardware or glass.
29. Remove, repair, or replace composite panels.
30. Demonstrate refinishing safety.
31. Prepare and apply undercoat systems.
32. Prepare primed substrate for refinish.
33. Apply refinish systems.
34. Detail refinished area.
35. Detail OEM finish as a necessary.
36. Clean and detail vehicle.
37. Perform a pre-delivery inspection.
38. Inspect final repair.
39. Deliver vehicle.
40. Perform work area maintenance.

SCC Accessibility Statement

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: www.southcentral.edu/disability

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.