LCB File No. R056-06

PROPOSED REGULATION OF THE STATE BOARD OF EDUCATION

Explanation: Matter in ***italics*** or underlined is new; matter in brackets ~~[ ]~~ or ~~stricken~~ is material to be omitted.

AUTHORITY: NRS 385.080 & (if necessary, provide other statutory authority)

Section 1. NAC389 is hereby amended as follows:

NAC 389.596 ~~[Repair of the body of an automobile.]~~ ***Collision Repair Technology*** **(**NRS 385.080**,** 385.110**)** ~~[A course of study in the repair of the body of an automobile must include instruction designed to teach the pupil to do the following:~~

~~1. Repair breaks in the metal of the body by using welding equipment.~~
~~2. Remove dents with a hammer and steel blocks and fill with solder or plastic.~~
~~3. Smooth area with a file, power grinder and sandpaper.~~
~~4. Repaint repaired surfaces with primer and the final coat.~~
~~5. Replace damaged fenders, grills and panels.~~
~~6. Estimate the cost of repair.]~~

A course of study in Collision Repair Technology must be designed so that students meet the following performance standards by the completion of an advanced program of instruction:

1. For the area of safety, students shall demonstrate safe work practices while performing operations in the collision repair technology lab:

(a) Adhere to general shop and site safety rules as they apply to personal protective wear; hand tools; power equipment; proper ventilation; the safe handling; storage and disposal of hazardous materials; awareness of potential hazards to oneself and others; adherence to repair-related safety practices; and administration of basic first aid treatments.

(b) Adhere to specific shop fire safety rules and procedures.

2. For the area of analysis and damage repair, the student will demonstrate an understanding of the processes used to inspect a frame and analyze, straighten, align, replace or repair structural components in accordance with vehicle manufacturer's specifications/procedures.

a) Demonstrate an understanding of the process involved in frame inspection and repair.
b) Demonstrate the ability to inspection and repair a frame.
c) Demonstrate an understanding of the processes used to inspect and replace glass.
d) Demonstrate an understanding of the processes used in metal welding and cutting.
e) Demonstrate an understanding of the processes used to inspect and replace glass.
f) Demonstrate an understanding of the processes used in metal welding and cutting.

3. For the area of non-structural analysis and damage repair (body components), the student will demonstrate an understanding of the processes used to inspect, analyze, repair and replace non-structural components.

a) Demonstrate an understanding of the processes involved in preparation of nonstructural inspection and repair.

b) Demonstrate an understanding of the processes involved in outer body panel repairs, replacements, and adjustments.

c) Demonstrate an understanding of the processes involved in metal finishing and body filling.

d) Demonstrate an understanding of the processes involved in repairing or replacing movable glass and hardware.

e) Demonstrate an understanding of the processes involved in metal welding and cutting.

f) Demonstrate an understanding of the processes involved in plastic repair and adhesives.

4. For the area mechanical and electrical components, the student will demonstrate an understanding of the processes used to identify inspect, diagnose, and remove mechanical and electrical components as required.

a) Demonstrate understanding in the repair of suspension and steering systems.

b) Demonstrate understanding of the processes involved in electrical components and systems.

c) Demonstrate understanding of the processes involved in testing and repairing brake systems.

d) Demonstrate understanding of the processes involved in inspecting and repairing air conditioning.

e) Demonstrate understanding of the processes involved in the diagnosis and repairing of cooling systems.

f) Demonstrate understanding of the processes involved in the repair of drive train systems.

g) Demonstrate understanding of the processes involved in the repair or replacement of fuel intake and exhaust systems.

h) Demonstrate understanding of the processes involved in active, passive, and supplemental restraint systems diagnostics and repair.

5. For the area of painting and refinishing procedures, the student will demonstrate an understanding of the processes used in painting and refinishing including HSE requirements in accordance with the local, state and federal safety and environmental regulations.

a) Demonstrate an understanding of the processes involved in keeping HSE requirements while in accordance with safety precautions.

b) Demonstrate an understanding of the processes involved in surface preparation.

c) Demonstrate an understanding of the processes involved in spray gun and related equipment operations.

d) Demonstrate an understanding of the processes involved in paint mixing, matching and applying.

e) Demonstrate an understanding of the processes involved in identifying paint defects.

f) Demonstrate an understanding of the processes involved in completing the final details.

6. For the area of estimating, the student will demonstrate an understanding of the processes used to estimate collision-related repairs.

a) Demonstrate an understanding of the processes involved in damage reports.

b) Demonstrate an understanding of the industry definitions used in collision repair estimating.

c) Demonstrate an understanding of the processes involved in identifying the different types of automotive finishes.

d) Demonstrate an understanding of the processes involved in obtaining important information.

e) Demonstrate an understanding of the processes involved in writing a damage report.

7. For the area of employability skills, the student will achieve competence in workplace readiness, career development, and lifelong learning.

a) Demonstrate problem-solving skills.

b) Demonstrate critical-thinking skills.

c) Demonstrate the ability to speak, write and listen effectively.

d) Demonstrate the ability to select, apply and maintain appropriate technology.

e) Demonstrate leadership and teamwork skills.

f) Demonstrate sound workplace ethics.

g) Demonstrate the ability to effectively manage resources in high performance workplaces.

h) Demonstrate career planning and development skills.

i) Demonstrate the ability of job-retention and lifelong learning skills.

8. For the area English, students will demonstrate an understanding and use of language arts related academic skills commonly used in the collision repair industry.

9. For the area mathematics, students will demonstrate an understanding and use of mathematics-related academic skills commonly used in the collision repair industry.

10. For the area of science, students will demonstrate an understanding of the science-related academic skills commonly used in the collision repair industry.