

**PROPOSED REGULATION OF THE
STATE BOARD OF EDUCATION**

LCB File No. R056-06

April 20, 2006

EXPLANATION – Matter in *italics* is new; matter in brackets ~~[omitted material]~~ is material to be omitted.

AUTHORITY: §1, NRS 385.080 and 385.110.

A REGULATION relating to education; revising the performance standards necessary to complete a course of study in collision repair technology; and providing other matters properly relating thereto.

Section 1. NAC 389.596 is hereby amended to read as follows:

389.596 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.]~~ *collision repair technology must be designed so that pupils meet the following performance standards by the completion of an advanced program of instruction:*

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

(a) Adhering to general shop and site safety rules relating to:

- (1) Personal protective wear;*
 - (2) Hand tools;*
 - (3) Power equipment;*
 - (4) Proper ventilation;*
 - (5) The safe handling, storage and disposal of hazardous materials;*
 - (6) Awareness of potential hazards to oneself and to other persons;*
 - (7) Safety practices used in the collision repair industry; and*
 - (8) Administration of basic first-aid treatment.*
- (b) Adhering to specific shop fire safety rules and procedures.*
- 2. For the area of analysis and damage repair, demonstrate, in accordance with vehicle manufacturer specifications and procedures:*
- (a) Understanding of the processes involved in frame inspection and repair;*
 - (b) The ability to inspect and repair a frame;*
 - (c) Understanding of the processes used to inspect and replace glass; and*
 - (d) Understanding of the processes used in metal welding and cutting.*
- 3. For the area of nonstructural analysis and damage repair, demonstrate an understanding of the processes involved in:*
- (a) The preparation of nonstructural inspection and repair;*
 - (b) Outer body panel repairs, replacements and adjustments;*
 - (c) Metal finishing and body filling;*
 - (d) Repairing or replacing movable glass and hardware;*
 - (e) Metal welding and cutting; and*
 - (f) Plastic repair and adhesives.*

4. For the area of mechanical and electrical components, demonstrate an understanding of the processes involved in:

(a) Identifying, inspecting, diagnosing and removing mechanical and electrical components as required;

(b) Repairing suspension and steering systems;

(c) Repairing electrical components and systems;

(d) Testing and repairing brake systems;

(e) Inspecting and repairing air conditioning;

(f) Diagnosing and repairing cooling systems;

(g) Repairing drive train systems;

(h) Repairing or replacing fuel intake and exhaust systems; and

(i) Diagnosing and repairing active, passive and supplemental restraint systems.

5. For the area of painting and refinishing procedures, demonstrate an understanding of the processes involved in:

(a) Adhering to health, safety and environmental requirements and abiding by local, state and federal safety and environmental regulations;

(b) Adhering to health, safety and environmental requirements while maintaining safety precautions;

(c) Preparing a surface;

(d) Operating a spray gun and related equipment;

(e) Applying, mixing and matching paint;

(f) Identifying paint defects; and

(g) Completing final details.

6. For the area of estimating collision repairs, demonstrate an understanding of the processes involved in:

- (a) Preparing damage reports;*
- (b) Using industry definitions;*
- (c) Identifying the different types of automotive finishes;*
- (d) Obtaining relevant information needed to estimate collision-related repairs; and*
- (e) Writing a damage report.*

7. For the area of skills necessary to obtain employment, demonstrate:

- (a) Skills necessary for solving problems;*
- (b) Skills of critical thinking;*
- (c) The ability to speak, write and listen effectively;*
- (d) The ability to select, apply and maintain appropriate technology;*
- (e) Skills of leadership and teamwork;*
- (f) An awareness of the ethical behavior appropriate for the workplace;*
- (g) The ability to effectively manage resources in high performance workplaces;*
- (h) Knowledge of the skills necessary for career planning and development; and*
- (i) Skills necessary for retention of a job and continuation of learning throughout a career.*

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

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

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

