PROPOSED REGULATION OF THE
STATE BOARD OF EDUCATION

LCB File No. R168-12

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

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

NAC 389. _____ (a new number) *A new course of study in Fire Science needs to be designed to support the fire science programs. It must be designed so that pupils meet the following performance standards by the completion of the final courses of instruction:*

1. *For the area of skill requirement, relate academic foundations to achieve skill requirement, as demonstrated by the ability of the pupil to:*
   (a) *Apply concepts of language arts knowledge;*
   (b) *Apply concepts of mathematics knowledge; and*
   (c) *Apply concepts of science knowledge.*
2. *For the area of communications, demonstrate the use of communications, as demonstrated by the ability of the pupil to:*
   (a) *Select and employ appropriate reading and communication strategies;*
   (b) *Enhance the diversity to enhance skills; and*
   (c) *Create verbal and nonverbal behaviors.*
3. *For the area of problem solving and critical thinking, demonstrate problem solving and critical thinking, as demonstrated by the ability of the pupil to:*
   (a) *Utilize critical thinking skills independently and as a team;*
   (b) *Employ interpersonal skills to resolve conflicts;*
   (c) *Monitor workplace performance goals; and*
   (d) *Conduct technical research.*
4. *For the area of information technology, use of information technology tools, as demonstrated by the ability of the pupil to:*
   (a) *Differentiate between various electronic tasks; and*
   (b) *Organize and manipulate tasks.*
5. *For the area of key organizations, identify key organizational systems, as demonstrated by the ability of the pupil to:*
   (a) *Describe the scope of departmental organizations; and*
   (b) *Implement quality control systems and practices.*
6. *For the area of health, safety and environment, understand the importance of health, safety and the environment, as demonstrated by the ability of the pupil to:*
   (a) *Implement personal and departmental safety regulations;*
   (b) *Employee rights and responsibilities; and*
   (c) *Employ emergency procedures and disaster response plans.*

7. *For the area of ethics, understand the importance of ethics and legal responsibilities, as demonstrated by the ability of the pupil to:*
   (a) Apply ethical reasoning to workplace situations;
   (b) Interpret written agency policies and procedures.
8. *For the area of fire suppression, demonstrate fire suppression tactics and equipment, as demonstrated by the ability of the pupil to:*
   (a) Employ water supply theory;
   (b) Understand concepts of company operations; and
   (c) Apply concepts of additional tactics and techniques.
9. *For the area of wildland fire, understand wildland fire behavior and suppression, as demonstrated by the ability of the pupil to:*
   (a) Apply concepts of basic fire behavior; and
   (b) Apply concepts of basic wildland fire suppression.

NAC 389. _____ (a new number) *A new course of study in Emergency Medical Technician needs to be designed to support the emergency medical technician programs. It must be designed so that pupils meet the following performance standards by the completion of the final courses of instruction:*
1. *For the area of skill requirement, relate academic foundations to achieve skill requirement, as demonstrated by the ability of the pupil to:*
   (d) Apply concepts of language arts knowledge;
   (e) Apply concepts of mathematics knowledge; and
   (f) Apply concepts of science knowledge.
2. *For the area of communications, demonstrate the use of communications, as demonstrated by the ability of the pupil to:*
   (a) Select and employ appropriate reading and communication strategies;
   (b) Enhance the diversity to enhance skills; and
   (c) Create verbal and nonverbal behaviors.
3. *For the area of critical thinking, demonstrate problem solving and critical thinking, as demonstrated by the ability of the pupil to:*
   (a) Utilize critical thinking skills independently and as a team;
   (b) Employ interpersonal skills to resolve conflicts;
   (c) Monitor workplace performance goals; and
   (d) Conduct technical research.
4. *For the area of information technology, use information technology tools, as demonstrated by the ability of the pupil to:*
   (a) Differentiate between various electronic task; and
   (b) Organize and manipulate tasks.
5. *For the area of organizational systems, identify key organizational systems , as demonstrated by the ability of the pupil to:*
   (a) Describe the scope of departmental organizations; and
   (b) Implement quality control systems and practices.

6. *For the area of health, safety and the environment, understand the importance of health, safety, and the environment, as demonstrated by the ability of the pupil to:*
   (a) *Implement personal and departmental safety regulations;*
   (b) *Employee rights and responsibilities;*
   (c) *Employ emergency procedures and disaster response plans; and*
   (d) *Describe and apply healthy behaviors.*
7. *For the area of ethics, understand importance of ethics and legal responsibilities, as demonstrated by the ability of the pupil to:*
   (a) *Apply ethical reasoning to workplace reasoning; and*
   (b) *Interpret written agency policies and procedures.*
8. *For the area of leadership and teamwork, use leadership and teamwork skills, as demonstrated by the ability of the pupil to:*
   (a) *Employ leadership and teamwork skills;*
   (b) *Establish and maintain effective working relationships; and*
   (c) *Use teamwork to accomplish goals and objectives.*
9. *For the area of technical skills, demonstrate knowledge and technical skills, as demonstrated by the ability of the pupil to:*
   (a) *Identify fundamentals of emergency medical services;*
   (b) *Describe the structure and function of human body systems;*
   (c) *Use medical terminology;*
   (d) *Incorporate principles of pathophysiology;*
   (e) *Understand life span development;*
   (f) *Identify EMS role in public health;*
   (g) *Understand fundamentals of pharmacology;*
   (h) *Describe techniques of airway management;*
   (i) *Discuss rationale for systematic assessment;*
   (j) *Identify medical emergencies;*
   (k) *Identify symptoms and treatment of shock;*
   (l) *Recognize and manage trauma emergencies;*
   (m)*Special patient populations; and*
   (n) *EMS operations.*
10. *For the area of employability skills, demonstrate employability skills, as demonstrated by the ability of the pupil to:*
   (a)*Demonstrate job retention and lifelong learning skills.*