

**ADOPTED REGULATION OF THE
STATE BOARD OF EDUCATION**

LCB File No. R132-07

Effective January 30, 2008

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; prescribing performance standards for a course of study in photography; and providing other matters properly relating thereto.

Section 1. NAC 389.606 is hereby amended to read as follows:

389.606 A course of study in ~~[commercial]~~ photography must ~~[include instruction designed to teach the pupil to do the following:~~

- ~~—1.— Use a variety of cameras, lenses and filters.~~
- ~~—2.— Use an appropriate type of film for each kind of condition regarding lighting, camera and filter.~~
- ~~—3.— Use the various types of equipment for lighting.~~
- ~~—4.— Use chemical and other procedures for processing by which pictures are developed, enlarged and printed.]~~

be designed so that pupils meet the following performance standards by the completion of an advanced program of instruction:

- 1. For the area of history of photography, describe and analyze the role and development of photography in past and present cultures by demonstrating an understanding of the role and development of photography in those cultures;*

2. *For the area of laws and ethics, demonstrate knowledge of the laws and ethics relating to photography by demonstrating an understanding of the principles of photography law;*

3. *For the area of safety, demonstrate the safe use of photographic materials and equipment by demonstrating general rules of lab safety, including, without limitation, rules relating to camera equipment, lighting equipment, other electrical equipment, photography materials and fire safety;*

4. *For the area of cameras and camera accessories, identify and use different types of cameras and camera accessories by demonstrating:*

(a) *Competence in the proper use of various types of cameras to take photographs, including a 35 millimeter or digital single-lens reflex camera; and*

(b) *An understanding of various lenses and corrective applications for those lenses;*

5. *For the area of exposure, demonstrate competence in the use of exposure settings to achieve the desired photographic effects by demonstrating knowledge of the selection and proper exposure settings for a variety of situations as prescribed by the International Organization for Standardization;*

6. *For the area of elements and principles of art and composition, demonstrate a basic understanding of the application of the elements and principles of art and composition to digital photography by:*

(a) *Incorporating the elements and principles of art into photographs; and*

(b) *Using the elements and principles of composition to organize images to communicate ideas;*

7. *For the area of lighting, demonstrate an understanding of different sources of light and proper uses of those sources by demonstrating an understanding of the:*

(a) Techniques of artificial lighting as applied in a variety of situations and the effects of artificial lighting for digital photography; and

(b) Techniques of natural lighting as applied to a variety of situations and the effects of natural lighting for digital photography;

8. For the area of film photography, if a course of study includes instruction in silver-based film photography, demonstrate knowledge in selecting film, developing film and printing negatives;

9. For the area of digital images, demonstrate an understanding of capturing, manipulating, storing and printing digital images by demonstrating:

(a) Knowledge of the components of a digital camera and digital image storage devices;

(b) Proficiency in using a scanner;

(c) Competence in using graphics software to modify or enhance a digital image;

(d) The ability to save and retrieve digital images;

(e) Knowledge of printers and techniques for printing digital images; and

(f) Knowledge of the proper maintenance and calibration of printers;

10. For the area of presentations, demonstrate competence in presentation techniques and the development of a portfolio by:

(a) Displaying printed digital images; and

(b) Creating a physical or electronic portfolio of digital photographs;

11. For the area of career development, identify and research career options in photography by demonstrating knowledge in selecting career opportunities relating to photography; and

12. For the area of skills necessary to obtain employment, achieve competence in workplace readiness, career development and lifelong learning by demonstrating:

- (a) Knowledge and skills necessary to perform in the workplace;*
- (b) The ability to safely work with a variety of technologies;*
- (c) Knowledge in preparing for job interviews and preparing to obtain a job;*
- (d) The ability to properly identify, organize, plan and allocate resources;*
- (e) Knowledge of interpersonal skills related to the workplace; and*
- (f) An understanding of entrepreneurship.*

NOTICE OF ADOPTION OF PROPOSED REGULATION
LCB File No. R132-07

The State Board of Education adopted regulations assigned LCB File No. R132-07 which pertain to chapter 389 of the Nevada Administrative Code.

INFORMATIONAL STATEMENT

1. A description of how public comment was solicited, a summary of public response, and explanation how other interested persons may obtain a copy of the summary.

Notice of Workshop to Solicit Comments on Proposed Regulations was sent to approximately 200 individuals and educational organizations. A workshop was held on October 5, 2007. There was no public comment.

The Notice of Intent to Act Upon a Regulation for public hearing and adoption of the amendments to NAC 389.606 – Photography Skill Standards was sent to approximately 200 individuals and educational organizations. The public hearing was conducted on November 30, 2007 to provide the opportunity for comments by affected parties and the public. There was public comment. The State Board of Education adopted the proposed amendments to the regulations with amendments to the proposed language.

2. The Number of Persons Who:
 - a) Attended Each Hearing: First Workshop: 8; First Hearing: 35; Second Hearing: N/A
 - b) Testified at Each Hearing: First Workshop: 0; First Hearing: 1; Second Hearing: N/A
 - c) Submitted Written Statements: First Workshop: 0; First Hearing: 0; Second Hearing: N/A

A copy of any written comments may be obtained by contacting Doris Arnold, Executive Assistant, Nevada Department of Education, 775-687-9217, or by writing to the Nevada Department of Education, 700 East Fifth Street, Carson City, Nevada 89701-5096.

3. A description of how comments were solicited from affected businesses, a summary of the response and an explanation how other interested parties may obtain a copy of the summary.

Comments were solicited through the workshop notice of September 13, 2007; and the public hearing notice of October 23, 2007. At the October 5, 2007 Workshop to Solicit Comments, there were no public comments to the proposed amendments to the regulation language. At the November 30, 2007 public hearing there were public comments to the proposed amendments to the regulation language.

Summary of Comments:
Workshop/Public Hearing Comments:

Workshop comments:

(a) There were no public comments during the workshop.

Public Hearing comments:

(b) Ms. Jensen, El Dorado High School, stated that photography film should remain in the high school curriculum darkroom techniques.

A copy of the summary and/or minutes of the public hearing may be obtained by contacting Doris Arnold, Executive Assistant, Nevada Department of Education, 775-687-9217, or by writing to the Nevada Department of Education at 700 East Fifth Street, Carson City, Nevada 89701-5096.

4. If the regulation was adopted with or without change to any part of the proposed regulation, a summary of the reasons for adopting.

The Nevada State Board of Education adopted the proposed amendments to the regulation language at the public hearing with additional amendments held November 30, 2007. The reason for adopting the amendments to the regulation is to replace portions of the occupational course of study in NAC code that were developed in 1980. The new skill standards are modeled from national industry skill standards and other states' standards. The proposed standards have also been endorsed by local business and industry

5. The estimated economic effect of the adopted regulation on the business that it is to regulate and on the public. These must be stated separately and each case must include:

There is no anticipated economic effect on the public. There is no estimated cost for endorsement to the regulating agency. There is a possible fiscal impact to school districts in curriculum development, professional development and in the supply/equipment needs for ongoing program improvement.

6. The estimated cost to the agency for enforcement of the adopted regulation.

There is no additional cost to the agency for enforcement of this regulation.

7. A description of any regulations of other state or governmental agencies which the proposed regulation overlaps or duplicates and a statement explaining why the duplication or overlapping is necessary. If the regulation overlaps or duplicates a federal regulation, the name of the regulating federal agency.

No other state or governmental agency regulations will be overlapped or duplicated by the above noted regulation. There is no duplication or overlap of federal regulations.

8. If the regulation includes provisions which are more stringent than a federal regulation, which regulates the same activity, a summary of such provisions.

There are none.

9. If the regulation provides a new fee or increases an existing fee, the total annual amount the agency expects to collect and the manner in which the money will be used.

This regulation does not provide for a new fee or increase an existing fee.