

LCB File No. R009-17

**PROPOSED REGULATION OF THE COMMISSION ON  
PROFESSIONAL STANDARDS IN EDUCATION**

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

AUTHORITY: §§1-3, NRS 391.019.

A REGULATION relating to educational personnel; revising provisions governing the qualifications for an endorsement to teach computer programming or computer science and technology-based applications; repealing the endorsement to teach concepts, skills and basic applications; and providing other matters properly relating thereto.

**Section 1.** NAC 391.196 is hereby amended to read as follows:

391.196 To receive an endorsement to teach computer programming or computer science , ~~in kindergarten through grade 12,~~ a person must have a valid ~~elementary,~~ secondary or special license, a valid license to teach special education, or a valid license to teach middle school or junior high school education, and must complete:

1. A program, which has been approved by the Board, for teaching computer programming or computer science; or
2. Twelve semester hours ~~in courses of study which include the following:~~ *of coursework, consisting of at least:*
  - (a) ~~Methods for teaching the use of a computer or educational issues involved in the teaching of computers, or both;~~
  - ~~—(b) Methods~~ *Three semester hours of coursework in a course of study that covered methods* for teaching computer programming; and
  - ~~—(c) Instruction~~

*(b) Nine semester hours of coursework in computer science, which may include, without limitation, instruction concerning programming in ~~at least two~~ computer languages.*

Sec. 2. NAC 391.202 is hereby amended to read as follows:

391.202 To receive an endorsement to teach ~~computer-based~~ *technology-based* applications that include issues relating to ~~educational~~ *information* technology or tools for productivity, communication and research , ~~in kindergarten through grade 12,~~ a person must have a valid elementary, secondary or special license, a valid license to teach special education, or a valid license to teach middle school or junior high school education, and must have completed ~~12~~

~~1. A program, which has been approved by the Board, for teaching computer-based applications; or~~

~~2. Twelve~~

12 semester hours of course work that covered:

~~(a)~~ 1. Educational ~~issues~~ *topics* relating to computers ~~12~~

~~(b)~~ *and other electronic devices, which may include, without limitation, the use of information technology, safety and research on the Internet, ethical use of the Internet, digital citizenship and digital media;*

2. Methods for teaching the ~~integration~~ *use* of technology ~~with curriculum;~~ *and computer applications;* and

~~(e)~~ 3. Computer applications or instruction in at least ~~three~~ *four* of the following ~~application packages:~~

~~(1) Productivity tools such as word~~ *areas of study:*

*(a) Word* processing ~~12~~ ~~databases~~ *and the use of* spreadsheets;

~~{(2)}~~ (b) Communication *and collaboration* tools;

~~{(3)}~~ (c) Research tools;

~~{(4)} Multimedia tools; or~~

~~— (5) Other applications approved by the Board. }~~

(d) *Digital publishing; and*

(e) *Proper keyboarding techniques.*

Sec. 3. NAC 391.192 is hereby repealed.

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**TEXT OF REPEALED SECTION**

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**391.192 Endorsement to teach concepts, skills and basic applications regarding computers. (NRS 391.019)** To receive an endorsement to teach concepts, skills and basic applications regarding computers in kindergarten through grade 12, a person must have a valid elementary, secondary or special license, a valid license to teach special education, or a valid license to teach middle school or junior high school education, and must have completed:

1. A program, which has been approved by the Board, for teaching the use of computers; or
2. Six semester hours of course work that included:
  - (a) Methods for teaching the use of a computer or educational issues related to computers;
  - (b) An introduction to using:
    - (1) The computer keyboard and printer;
    - (2) Basic operating commands; and
    - (3) Computer terminology; and
  - (c) A review of available software.