

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

LCB FILE NO. R070-18I

**The following document is the initial draft regulation proposed
by the agency submitted on 04/09/2018**

~~**NAC 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.~~

NAC 391.196 Endorsement to teach ~~computer programming or advanced~~ computer science. ([NRS 385.080](#), [391.019](#)) To receive an endorsement to teach ~~computer programming or advanced~~ 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. **Complete** twelve semester hours of coursework, consisting of: in courses of study which include the following:~~
 - ~~(a) Methods for teaching the use of a computer or educational issues involved in the teaching of computers, or both; **Three semester hours in methods for teaching computer science;**~~
 - ~~(b) **Methods for teaching computer programming; and Three semester hours in a course of study on computer science concepts; and**~~
 - ~~(c) **Six semester hours of coursework on** instruction in ~~at least two~~ computer **programming** languages; or~~
2. **Pass, at the level of competency specified by the Commission, the Praxis exam in Computer Science prepared and administered by the Educational Testing Service.**

(Added to NAC by Bd. of Education, eff. 10-17-86; A by Comm'n on Prof. Standards in Education, 9-11-89; R021-01, 10-22-2001, eff. 7-1-2007; R005-05, 10-31-2005; R005-05, 10-31-2005, eff. 7-1-2007; R028-11, 10-26-2011)

NAC 391.202 Endorsement to teach computer technology-based applications and computational thinking. (NRS 391.019) To receive an endorsement to teach computer **technology-based applications and computational thinking** that includes issues relating to **educational information** technology, ~~or~~ tools for productivity, communication and research ~~in kindergarten through grade 12,~~ **and computational thinking**, a person must have a valid ~~elementary,~~ secondary **license** ~~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 **nine semester hours of coursework to include:**

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

~~—2. Twelve semester hours of course work that covered:~~

~~(a) Educational issues relating to computers;~~

~~—(b) Methods for teaching the integration of technology with curriculum; and~~

~~—(c) Computer applications or instruction in at least three of the following application packages:~~

~~—(1) Productivity tools such as word processing, databases and spreadsheets;~~

~~—(2) Communication tools;~~

~~—(3) Research tools;~~

~~—(4) Multimedia tools; or~~

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

1. Three semester hours of coursework in methods for teaching computer science;

2. Three semester hours in a course of study on computer science concepts; and

3. Three semester hours in a course on methods to teach computer applications to include:

(a) Word processing and the use of spreadsheets;

(b) Communication and collaboration tools;

(c) Internet research tools;

(d) Internet safety; and

(e) Proper keyboarding techniques.

(Added to NAC by Comm'n on Prof. Standards in Education, eff. 9-11-89; A by R119-99, 8-16-2000; R005-05, 10-31-2005; R028-11, 10-26-2011)