

**APPROVED REGULATION OF THE
STATE BOARD OF EDUCATION**

LCB File No. R075-17

Effective February 27, 2018

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

AUTHORITY: §1, NRS 385.080 and 388.395, as amended by section 3 of Assembly Bill No. 482, chapter 39, Statutes of Nevada 2017, at page 163, and section 18 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 507; §2, NRS 385.080, 385.114 and 388.360, as amended by section 10 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 503, and NRS 388.380, as amended by section 12 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 504; §3, NRS 385.080, 385.114 and 388.360, as amended by section 10 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 503.

A REGULATION relating to education; prescribing criteria that the State Board of Education will use to award grants to school districts and charter schools for programs of career and technical education; transferring to the State Board certain duties of the former State Board for Career and Technical Education; revising the program areas for which the board of trustees of a school district may offer a program of career and technical education; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

Existing law requires the State Board of Education to: (1) award grants to school districts and charter schools for programs of career and technical education; and (2) prescribe the criteria that will be used to award such grants. (NRS 388.395, as amended by section 3 of Assembly Bill No. 482, chapter 39, Statutes of Nevada 2017, at page 163, and section 18 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 507) **Section 1** of this regulation prescribes those criteria. **Section 1** additionally requires each board of trustees of a school district or governing body of a charter school that receives a grant to report annually to the Department of Education concerning the performance of the program of career and technical education funded by the grant. **Section 1** also provides that the State Board of Education will use statistical information relating to workforce development contained in the biennial reports compiled by the Executive Director of the Office of Workforce Innovation when determining whether certain criteria are met.

Senate Bill No. 301 of the 2017 Legislative Session abolished the State Board for Career and Technical Education and transferred its duties to the State Board of Education. (Chapter 115,

Statutes of Nevada 2017, at page 498) **Section 2** of this regulation requires the Superintendent of Public Instruction to present annually to the State Board of Education the list of industry-recognized credentials identified by the Executive Director of the Office of Workforce Innovation.

Existing law requires the State Board of Education to establish policies or regulations and formulate plans for the promotion of career and technical education in such subjects as are an essential and integral part of the system of public education in this State. (NRS 388.360, as amended by section 10 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 503) **Section 3** of this regulation revises the list of program areas for which the board of trustees of a school district may offer a program of career and technical education in a public high school, middle school or junior high school.

Section 1. Chapter 389 of NAC is hereby amended by adding thereto a new section to read as follows:

1. The State Board of Education will award grants to school districts and charter schools for programs of career and technical education pursuant to NRS 388.395, as amended by section 3 of Assembly Bill No. 482, chapter 39, Statutes of Nevada 2017, at page 163, and section 18 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 507, based on the following criteria of the program of career and technical education for which the applicant wishes to obtain a grant:

- (a) Career guidance.*
- (b) Program and instruction.*
- (c) Leadership development.*
- (d) Educational personnel.*
- (e) Program planning and promotion.*
- (f) Facilities, equipment and instructional materials and supplies.*
- (g) Partnerships with business, industry and the community.*
- (h) Systems of evaluation and accountability.*

(i) Alignment with priority career pathways for secondary and postsecondary education identified by the Executive Director pursuant to paragraph (b) of subsection 4 of section 20 of Senate Bill No. 516, chapter 595, Statutes of Nevada 2017, at page 4330.

(j) Industry-recognized credentials identified by the Executive Director pursuant to paragraph (d) of subsection 4 of section 20 of Senate Bill No. 516, chapter 595, Statutes of Nevada 2017, at page 4330, that have been awarded to the program.

(k) Alignment with workforce training needs in this State and the State's economic development strategies and workforce investment system that is paid for wholly or in part with public money.

2. On or before October 15 of each year, each board of trustees of a school district or governing body of a charter school that receives a grant pursuant to NRS 388.395, as amended by section 3 of Assembly Bill No. 482, chapter 39, Statutes of Nevada 2017, at page 163, and section 18 of Senate Bill No. 301, chapter 115, Statutes of Nevada 2017, at page 507, shall submit to the Department of Education a report concerning the performance of the program of career and technical education funded by the grant.

3. The State Board of Education will request the biennial reports compiled by the Executive Director pursuant to subsection 3 of section 20 of Senate Bill No. 516, chapter 595, Statutes of Nevada 2017, at page 4330, and use the information contained in those reports when determining whether the criteria prescribed in paragraph (k) of subsection 1 are met by a program of career and technical education.

4. As used in this section, "Executive Director" means the Executive Director of the Office of Workforce Innovation.

Sec. 2. NAC 389.800 is hereby amended to read as follows:

389.800 1. Courses of study in career and technical education offered by the board of trustees of a school district in a program area for a program of career and technical education set forth in subsection 1 of NAC 389.803 must:

(a) Be based upon state standards and a written curriculum that has been developed in collaboration with representatives of the industry being studied to measure the competency of the pupil and which includes:

(1) The current skills and levels of performance necessary to perform the duties and tasks involved in being employed in the career field being taught or to support advancement in education and job training in a related career.

(2) Instruction which reinforces academic skills of reading, writing, speaking, listening, mathematics, science and using technology.

(b) Be designed to:

(1) Allow the pupil to pursue postsecondary academic options, career training or a recognized industry credential.

(2) Include pupils with disabilities.

(c) Provide the pupil with reasonable access to standard equipment used in the industry the pupil is studying.

(d) Include instruction in employability skills for career readiness prescribed for the course of study in NAC 389.555 and measure the proficiency of the pupil in the standards prescribed for that course of study through an assessment that measures proficiency in employability skills prescribed by the Department of Education.

(e) Require a pupil who completes the final course of instruction for a particular course of study in career and technical education to take an end-of-program assessment prescribed by the

Department of Education which measures the proficiency of the pupil in the course of study, if such an examination is available.

2. The teacher of a course of study in career and technical education shall:

(a) Possess a valid endorsement to his or her license for each industry in which he or she teaches a course of study.

(b) Use resources, materials and techniques which do not discriminate among pupils.

(c) Evaluate the pupil's achievement of the required goals in the course of study.

3. Each pupil enrolled in a course of study in career and technical education:

(a) Must be given the opportunity to participate in career and technical student organizations that are:

(1) Affiliated with state and national organizations;

(2) Associated with the industry the pupil is studying; and

(3) An integral part of the instructional program.

(b) Upon completion of the program, should be qualified to enter a higher level of training or to enroll in a program of postsecondary education without the necessity of repeating previously learned skills.

4. Each pupil who completes a course of study in career and technical education must be awarded a certificate which states that he or she has attained specific skills in the industry being studied if the pupil:

(a) Maintained at least a 3.0 grade point average, based on a 4.0 grading scale, for all units of credit applicable toward the course of study in career and technical education;

(b) Passed the assessment that measures proficiency in employability skills prescribed by the Department of Education pursuant to paragraph (d) of subsection 1; and

(c) Passed the end-of-program assessment prescribed by the Department of Education pursuant to paragraph (e) of subsection 1, if applicable.

5. Each school district shall submit to the Department of Education an annual report that lists the number of pupils to whom a certificate has been awarded pursuant to subsection 4.

6. The superintendent of each school district that establishes a program of career and technical education:

(a) Shall maintain a current and comprehensive inventory of all capital equipment, if any, maintained for each course offered in career and technical education;

(b) Shall establish a list of equipment that is comparable to that used in the related career fields in which a course of study is offered;

(c) Shall not allow the use in career and technical education of equipment or facilities which do not meet the generally applicable safety requirements, including those adopted to ensure occupational safety and health for that career field; and

(d) Shall adopt a written statement of philosophy for the program of career and technical education, which must include, without limitation, stated goals that such instruction will align to state standards and support advancement in education and job training in a related career.

7. The teacher of a course of study in career and technical education shall cooperate with the guidance counselor of each school to assist pupils to enroll in an appropriate course of study. The guidance counselor shall assist the pupil to achieve:

(a) An awareness of the opportunities for the development of technical and employability skills required in the various industries.

(b) An exploration of the pupil's abilities with his or her career interest.

(c) Completion of the course of study in career and technical education.

(d) Opportunities for continued career development, education and training.

8. The Department of Education shall ~~feaseuse~~ *request* surveys to be taken of each pupil who has completed a course of study in career and technical education to determine the effectiveness of the program.

9. The State Board ~~{for Career and Technical}~~ *of* Education will request the Superintendent of Public Instruction to ~~{maintain a}~~ *present annually to the State Board the* list of ~~{industry}~~ *industry-recognized* credentials ~~{and certificates}~~ *identified by the Executive Director of the Office of Workforce Innovation pursuant to section 20 of Senate Bill No. 516, chapter 595, Statutes of Nevada 2017, at page 4330,* and to require school districts to report the number of pupils who earn each of those credentials . ~~{and certificates.}~~

Sec. 3. NAC 389.803 is hereby amended to read as follows:

389.803 1. The board of trustees of a school district may offer any of the following program areas for a program of career and technical education in a public high school ~~{}~~, *middle school or junior high school:*

(a) Agriculture and natural resources, which may include the following courses of study:

- (1) Agricultural business systems.
- (2) Agricultural leadership, communication and policy.
- (3) Agricultural mechanics technology.
- (4) Animal science.
- (5) *Biotechnology.*
- (6) Environmental management.
- ~~{(6)}~~ (7) Floriculture design and management.
- ~~{(7)}~~ (8) Food science technology.

~~{(8)}~~ **(9)** Landscape design and management.

~~{(9)}~~ **(10)** Natural resources and wildlife management.

~~{(10)}~~ **(11)** Ornamental horticulture greenhouse management.

~~{(11)}~~ **(12)** Veterinary science.

(b) Business and marketing education, which may include the following courses of study:

(1) Accounting and finance.

(2) Administrative services.

(3) Business management.

(4) Entrepreneurship.

(5) Marketing.

(6) Sports and entertainment marketing.

(c) Education, hospitality and human services, which may include the following courses of study:

(1) Baking and pastry.

(2) Cosmetology.

(3) Culinary arts.

(4) Early childhood education.

(5) Family and consumer sciences.

(6) Foods and nutrition.

(7) Hospitality and tourism.

(8) Human development.

(9) Teaching and training.

(d) Health science and public safety, which may include the following courses of study:

(1) Biomedical.

(2) *Community health science.*

(3) Criminal justice.

~~(3)~~ (4) Dental ~~assisting.~~

~~(4)~~ *science.*

(5) Emergency medical technician.

~~(5)~~ (6) Emergency telecommunications.

~~(6)~~ (7) Fire science.

~~(7)~~ (8) Forensic science.

~~(8)~~ (9) Health information management.

~~(9)~~ (10) Law enforcement.

~~(10)~~ (11) Medical assisting.

~~(11)~~ (12) *Military science.*

(13) Nursing assistant.

~~(12)~~ (14) Pharmacy practice.

~~(13)~~ (15) Respiratory ~~therapy.~~

~~(14)~~ *science.*

(16) Sports medicine.

(e) Information and media technologies, which may include the following courses of study:

(1) Animation.

(2) Computer science.

(3) *Cybersecurity.*

(4) Digital game development.

- ~~{(4)}~~ (5) Fashion, textiles and design.
- ~~{(5)}~~ (6) Graphic design.
- ~~{(6)}~~ (7) Information technology for networking.
- ~~{(7)}~~ (8) Information technology for service and support.
- ~~{(8)}~~ (9) Interior design.
- ~~{(9)}~~ (10) Photography.
- ~~{(10)}~~ (11) Radio production.
- ~~{(11)}~~ (12) Theatre technology.
- ~~{(12)}~~ (13) Video production.
- ~~{(13)}~~ (14) Web design and development.

(f) Skilled and technical sciences, which may include the following courses of study:

- (1) Aerospace engineering.
- (2) Architectural and civil engineering.
- (3) Architectural design.
- (4) *Automation technology.*
- (5) Automotive service technician.
- ~~{(5)}~~ (6) Automotive technology.
- ~~{(6)}~~ (7) Aviation maintenance technician.
- ~~{(7)}~~ (8) Aviation technology.
- ~~{(8)}~~ (9) Collision repair technology.
- ~~{(9)}~~ (10) Construction technology.
- ~~{(10)}~~ (11) Diesel technology.
- ~~{(11)}~~ (12) Drafting and design.

~~{(12)}~~ (13) Electrical engineering.

~~{(13)}~~ (14) Electronic technology.

~~{(14)}~~ (15) Energy technologies.

~~{(15)}~~ (16) Environmental engineering.

~~{(16)}~~ (17) Furniture and cabinetmaking.

~~{(17)} Heating, ventilation, air conditioning and refrigeration.~~

(18) ~~{Machine tool technology.}~~

~~—(19)}~~ Manufacturing technologies.

~~{(20)}~~ (19) Mechanical engineering.

~~{(21)}~~ (20) Mechanical technology.

~~{(22)}~~ (21) Metalworking.

~~{(23)}~~ (22) Welding technology.

2. If the board of trustees of a school district offers a program area set forth in subsection 1, the courses of study which the board of trustees offers within that program area must comply with the standards of *program* content and performance established by the State Board of Education for that course of study if the *State* Board has established such standards. A copy of any standards of content and performance that the *State* Board has established for those courses of study are available on the website maintained by the Department of Education at the Internet address ~~{[http://cteae.nv.gov/Career_and_Technical_Education/Standards/.](http://cteae.nv.gov/Career_and_Technical_Education/Standards/)}~~

[http://www.doe.nv.gov/CTE/.](http://www.doe.nv.gov/CTE/)