

**PROPOSED REGULATION OF THE
DEPARTMENT OF EDUCATION**

LCB FILE NO. R075-17I

**The following document is the initial draft regulation proposed
by the agency submitted on 08/25/2017**

DRAFT
Proposal for Nevada's Career and Technical Education Programs of Study
Assembly Bill 482 (Chapter 388, Statutes of Nevada 2017)
Sections 2 and 3

~~Red Text~~ = Proposed Removed Language *Blue Text* = Proposed New Language

Program of Career and Technical Education

NAC 389.800 General requirements for program. (NRS 385.080, 385.110, 388.360, 388.380)

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 cause 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 list of industry credentials and certificates and to require school districts to report the number of pupils who earn each of those credentials and certificates.

(Added to NAC by Bd. for Occupational Education, 1-26-90, eff. 9-1-92; A by Bd. for Career & Tech. Educ. by R172-05, 2-23-2006; A by Bd. of Education by R001-12, 5-30-2012; R061-12, 9-14-2012; R087-12, 11-1-2012; A by Bd. for Career & Tech. Educ. by R154-13, 6-23-2014)

NAC 389.803 Program areas. (NRS 385.080, 385.110, 388.360)

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 *or middle 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) Environmental management.
 - (6) Floriculture design and management.
 - (7) Food science technology.
 - (8) Landscape design and management.
 - (9) Natural resources and wildlife management.
 - (10) Ornamental horticulture greenhouse management.
 - (11) 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.**
 - ~~2~~ **(3) Criminal justice.**
 - ~~3~~ **(4) Dental ~~assisting~~ science.**
 - ~~4~~ **(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.**
 - (12) Military science or security.**
 - ~~11~~ **(13) Nursing assistant.**
 - ~~12~~ **(14) Pharmacy practice.**
 - ~~13~~ **(15) Respiratory ~~therapy~~ science.**
 - ~~14~~ **(16) Sports medicine.**
- (e) Information and media technologies, which may include the following courses of study:
- (1) Animation.
 - (2) Computer science.
 - (3) Cyber Security**

- ~~3~~ (4) Digital game development.
 - ~~4~~ (5) Fashion, textiles and design.
 - ~~5~~ (6) Graphic design.
 - ~~6~~ (7) Information technology for networking.
 - ~~7~~ **Information technology for service and support.**
 - (8) Interior design.
 - (9) Photography.
 - (10) Radio production.
 - (11) Theatre technology.
 - (12) Video production.
 - (13) 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.**
 - ~~4~~ (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~~ (18) 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 Board has established such standards. A copy of any standards of content and performance that the 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://www.doe.nv.gov/CTE/> .

3. Each school district that offers a career and technical education program area set forth in subsection 1 shall submit to the Department of Education an annual report of program performance on or before October 15, annually.

(Added to NAC by Bd. of Education by R087-12, eff. 11-1-2012; A by R081-14, 10-24-2014; R066-15, 12-21-2015)

NAC 389.XXX Grants: Developing new, improving or expanding existing programs of career and technical education (NRS 388.390.395)

- 1. The board of trustees of a school district or the governing body of a charter school may apply to the State Board of Education for a grant for a program of education, to be paid for from the remainder of state money described in subsection 3 of NRS 388.392.***
- 2. The State Board of Education shall review all applications submitted pursuant to subsection 1 and award grants based on the following criteria of the program of career and technical education:***
 - (a) Standards and instruction.***
 - (b) Leadership development.***
 - (c) Practical application of occupational skills.***
 - (d) Quality and competence of personnel.***
 - (e) Facilities, equipment and materials.***
 - (f) Community, business and industry involvement.***
 - (g) Career guidance.***
 - (h) Program promotion.***
 - (i) Program accountability and planning.***
 - (j) Pupil-teacher ratio.***
 - (k) Priority career pathways for secondary and postsecondary education, as identified by the Governor's Office of Workforce Innovation. (NRS 232.935; S.B. 516, 2017)***
 - (l) Industry-recognized credentials for workforce development programs, as identified by the Governor's Office of Workforce Innovation and approved by the Governor's Workforce Development Board. (NRS 232.935; S.B. 516, 2017)***
 - (m) Career and Technical Education programs that align with workforce training needs, and that are consistent with and demonstrate linkages to the State's economic development strategies and workforce investment system as identified by the Governor's Office of Workforce Innovation (NRS 232.935; S.B. 516, 2017) and the Governor's Office for Economic Development and the state plan for economic development. (NRS 232.935)***
- 3. The Executive Officer of the State Board of Education (NRS 388.340) shall review grant applications and award grants based upon the criteria in subsection 2 to public schools and public charter schools of this State.***
 - (a) The Executive Officer shall request the Governor's Office of Workforce Innovation's biennial reports to the Governor and Legislature regarding workforce development in this State for review and utilization in the grants process, which identifies the state plan for economic development; the state's industry-recognized credentials list; and any other workforce development initiative driven by the State's labor market information towards high-priority, in-demand occupations and jobs in this State.***