

HOUSE BILL NO. 1507

Introduced by

Legislative Management

(Joint Technical Corrections Committee)

1 A BILL ~~for an Act to amend and reenact section 15.1-21-01, subsection 1 of section 15.1-21-02,~~
2 ~~and section 15.1-21-02.2 of the North Dakota Century Code, relating to computer science and~~
3 ~~cybersecurity required instruction and graduation requirements; and to provide an effective~~
4 ~~date.~~ for an Act to amend and reenact section 15.1-02-04 of the North Dakota Century Code,
5 relating to the duties of the superintendent of public instruction to report to the legislative
6 management regarding contemplated curriculum in computer science and cybersecurity; and to
7 provide an effective date.

8 **BE IT ENACTED BY THE LEGISLATIVE ASSEMBLY OF NORTH DAKOTA:**

9 ~~— **SECTION 1. AMENDMENT.** Section 15.1-21-01 of the North Dakota Century Code is~~
10 ~~amended and reenacted as follows:~~
11 ~~— **15.1-21-01. Elementary and middle schools -- Required instruction.**~~
12 ~~— In order to be approved by the superintendent of public instruction, each public and~~
13 ~~nonpublic elementary and middle school shall provide to students instruction in:~~
14 ~~— 1. English language arts, including reading, composition, creative writing, English~~
15 ~~grammar, and spelling.~~
16 ~~— 2. Mathematics, including computer science and cybersecurity unless this requirement is~~
17 ~~met under subdivision b of subsection 4.~~
18 ~~— 3. Social studies, including:~~
19 ~~— a. The United States Constitution;~~
20 ~~— b. United States history;~~
21 ~~— c. Geography;~~
22 ~~— d. Government; and~~

~~e. North Dakota studies, with an emphasis on geography, history, the federally-recognized Indian tribes in the state, and agriculture of this state, in the fourth and eighth grades.~~

~~4. Science, including agriculture;~~

~~a. Agriculture; and~~

~~b. Computer science and cybersecurity, unless this requirement is met under subsection 2.~~

~~5. Physical education.~~

~~6. Health, including physiology, hygiene, disease control, and the nature and effects of alcohol, tobacco, and narcotics.~~

~~**SECTION 2. AMENDMENT.** Subsection 1 of section 15.1-21-02 of the North Dakota Century Code is amended and reenacted as follows:~~

~~1. In order to be approved by the superintendent of public instruction, each public and nonpublic high school shall provide instruction in or make available to each student:~~

~~a. Four units of English language arts from a sequence that includes literature, composition, and speech;~~

~~b. Four units of mathematics, including:~~

~~(1) One unit of algebra II; and~~

~~(2) One unit for which algebra II is a prerequisite; and~~

~~(3) One unit of computer science and cybersecurity, unless this requirement is met under paragraph 3 of subdivision c;~~

~~c. Four units of science, including:~~

~~(1) One unit of physical science; and~~

~~(2) One unit of biology; and~~

~~(3) One unit of computer science and cybersecurity, unless this requirement is met under paragraph 3 of subdivision b;~~

~~d. Four units of social studies, including:~~

~~(1) One unit of world history;~~

~~(2) One unit of United States history, including Native American tribal history; and~~

~~(3) (a) One unit of problems of democracy; or~~

- ~~(b) One-half unit of United States government and one-half unit of economics;~~
- ~~e. One-half unit of health;~~
- ~~f. One-half unit of physical education during each school year, provided that once every four years the unit must be a concept-based fitness class that includes instruction in the assessment, improvement, and maintenance of personal fitness;~~
- ~~g. Two units of fine arts, at least one of which must be music;~~
- ~~h. Two units of the same foreign or native American language;~~
- ~~i. One unit of an advanced placement course or one unit of a dual-credit course; and~~
- ~~j. Two units of career and technical education from a coordinated plan of study recommended by the department of career and technical education and approved by the superintendent of public instruction.~~

~~**SECTION 3. AMENDMENT.** Section 15.1-21-02.2 of the North Dakota Century Code is amended and reenacted as follows:~~

~~**15.1-21-02.2. High school graduation - Minimum requirements. (Effective through July 31, 2025)**~~

- ~~1. Except as provided in section 15.1-21-02.3 and subsection 2, the following twenty-two units of high school coursework constitute the minimum requirement for high school graduation:~~
- ~~a. Four units of English language arts from a sequence that includes literature, composition, and speech;~~
- ~~b. Three units of mathematics, which may include one unit of computer science approved by the superintendent of public instruction;~~
- ~~c. Three units of science, consisting of:~~
- ~~(1) (a) One unit of biology;~~
- ~~(b) One unit of chemistry; and~~
- ~~(c) One unit of physics; or~~
- ~~(2) (a) One unit of biology;~~
- ~~(b) One unit of physical science; and~~

- 1 ~~_____ (c) One unit or two one-half units of any other science;~~
- 2 ~~_____ d. Three units of social studies, including:~~
- 3 ~~_____ (1) One unit of United States history;~~
- 4 ~~_____ (2) (a) One-half unit of United States government and one-half unit of~~
- 5 ~~_____ economics; or~~
- 6 ~~_____ (b) One unit of problems of democracy; and~~
- 7 ~~_____ (3) One unit or two one-half units of any other social studies, which may include~~
- 8 ~~_____ civics, civilization, geography and history, multicultural studies, North Dakota~~
- 9 ~~_____ studies, psychology, sociology, and world history;~~
- 10 ~~_____ e. (1) One unit of physical education; or~~
- 11 ~~_____ (2) One-half unit of physical education and one-half unit of health;~~
- 12 ~~_____ f. Three units of:~~
- 13 ~~_____ (1) Foreign languages;~~
- 14 ~~_____ (2) Native American languages;~~
- 15 ~~_____ (3) Fine arts; or~~
- 16 ~~_____ (4) Career and technical education courses; and~~
- 17 ~~_____ g. Any five additional units.~~
- 18 ~~_____ 2. If approved by the board of a school district or nonpublic school, a school district or~~
- 19 ~~_____ nonpublic school may develop eligibility criteria or programmatic requirements to allow~~
- 20 ~~_____ a passing score on the relevant portions of the GED assessment to receive credit for~~
- 21 ~~_____ the corresponding requirements of subdivisions a through d of subsection 1.~~
- 22 ~~_____ **High school graduation – Minimum requirements. (Effective after July 31, 2025)**~~
- 23 ~~_____ 1. Except as provided in section 15.1-21-02.3 and subsection 2, the following twenty-two~~
- 24 ~~_____ units of high school coursework constitute the minimum requirement for high school~~
- 25 ~~_____ graduation:~~
- 26 ~~_____ a. Four units of English language arts from a sequence that includes literature,~~
- 27 ~~_____ composition, and speech;~~
- 28 ~~_____ b. Three units of mathematics, which maymust include one unit of computer science~~
- 29 ~~_____ and cybersecurity approved by the superintendent of public instruction, unless~~
- 30 ~~_____ this requirement is met under paragraph 3 of subdivision c;~~
- 31 ~~_____ c. Three units of science, consisting of one of the following:~~

- 1 ~~(1) (a) One unit of biology;~~
2 ~~(b) One unit of chemistry; and~~
3 ~~(c) One unit of physics; or~~
4 ~~(2) (a) One unit of biology;~~
5 ~~(b) One unit of physical science; and~~
6 ~~(c) One unit or two one-half units of any other science; or~~
7 ~~(3) If the requirement under subdivision b does not include one unit of computer~~
8 ~~science and cybersecurity:~~
9 ~~(a) One unit of biology;~~
10 ~~(b) One-half unit of chemistry;~~
11 ~~(c) One-half unit of physics; and~~
12 ~~(d) One unit of computer science and cybersecurity;~~
13 ~~d. Three units of social studies, including:~~
14 ~~(1) One unit of United States history, including Native American tribal history;~~
15 ~~(2) (a) One-half unit of United States government and one-half unit of~~
16 ~~economics; or~~
17 ~~(b) One unit of problems of democracy; and~~
18 ~~(3) One unit or two one-half units of any other social studies, which may include~~
19 ~~civics, civilization, geography and history, multicultural studies, North Dakota~~
20 ~~studies, psychology, sociology, and world history;~~
21 ~~e. (1) One unit of physical education; or~~
22 ~~(2) One-half unit of physical education and one-half unit of health;~~
23 ~~f. Three units of:~~
24 ~~(1) Foreign languages;~~
25 ~~(2) Native American languages;~~
26 ~~(3) Fine arts; or~~
27 ~~(4) Career and technical education courses; and~~
28 ~~g. Any five additional units.~~
29 ~~2. If approved by the board of a school district or nonpublic school, a school district or~~
30 ~~nonpublic school may develop eligibility criteria or programmatic requirements to allow~~

~~a passing score on the relevant portions of the GED assessment to receive credit for the corresponding requirements of subdivisions a through d of subsection 1.~~

~~—SECTION 4. EFFECTIVE DATE. This Act becomes effective on July 1, 2023.~~

SECTION 1. AMENDMENT. Section 15.1-02-04 of the North Dakota Century Code is amended and reenacted as follows:

15.1-02-04. Superintendent of public instruction - Duties. (Effective through June 30, 2023)

The superintendent of public instruction:

1. Shall supervise the provision of elementary and secondary education to the students of this state.
2. Shall supervise the establishment and maintenance of schools and provide advice and counsel regarding the welfare of the schools.
3. Shall supervise the development of course content standards.
4. Shall supervise the assessment of students.
5. Shall serve as an ex officio member of the board of university and school lands.
6. Shall keep a complete record of all official acts and appeals.
7. As appropriate, shall determine the outcome of appeals regarding education matters.
8. Shall direct school district annexation, reorganization, and dissolution and employ and compensate personnel necessary to enable the state board of public school education to carry out its powers and duties regarding school district annexation, reorganization, and dissolution.
9. Shall facilitate a process to review and update annually the statewide prekindergarten through grade twelve education strategic vision. The process must include input and participation from a steering committee that includes representatives of all state-level entities receiving state education funding and education stakeholder groups. Each steering committee member entity receiving state education funds shall provide components of the entity's strategic plan which are aligned to the statewide strategic vision. The steering committee shall prepare a collaborative report of the strategic plans of each committee member entity receiving state education funds. The superintendent shall provide the collaborative report and any updates to the strategic

vision to the legislative management during each interim and to a joint meeting of the education standing committees during each regular legislative session.

10. Shall administer a student loan forgiveness program for individuals teaching at grade levels, in content areas, and in geographical locations identified as having a teacher shortage or critical need.

11. Shall facilitate the development and implementation of a North Dakota learning continuum in collaboration with the department of career and technical education, upon the recommendation of the kindergarten through grade twelve education coordination council.

12. Shall collaborate with workforce development stakeholders and the kindergarten through grade twelve education coordination council to determine how best to integrate computer science and cybersecurity into elementary, middle, and high school curriculum under sections 15.1-21-01 and 15.1-21-02. Before September 1, 2022, the superintendent shall provide a report to the legislative management regarding the outcome of this collaboration.

Superintendent of public instruction - Duties. (Effective after June 30, 2023)

The superintendent of public instruction:

1. Shall supervise the provision of elementary and secondary education to the students of this state.
2. Shall supervise the establishment and maintenance of schools and provide advice and counsel regarding the welfare of the schools.
3. Shall supervise the development of course content standards.
4. Shall supervise the assessment of students.
5. Shall serve as an ex officio member of the board of university and school lands.
6. Shall keep a complete record of all official acts and appeals.
7. As appropriate, shall determine the outcome of appeals regarding education matters.
8. Shall direct school district annexation, reorganization, and dissolution and employ and compensate personnel necessary to enable the state board of public school education to carry out its powers and duties regarding school district annexation, reorganization, and dissolution.

- 1 9. Shall facilitate a process to review and update annually the statewide prekindergarten
2 through grade twelve education strategic vision. The process must include input and
3 participation from a steering committee that includes representatives of all state-level
4 entities receiving state education funding and education stakeholder groups. Each
5 steering committee member entity receiving state education funds shall provide
6 components of the entity's strategic plan which are aligned to the statewide strategic
7 vision. The steering committee shall prepare a collaborative report of the strategic
8 plans of each committee member entity receiving state education funds. The
9 superintendent shall provide the collaborative report and any updates to the strategic
10 vision to the legislative management during each interim and to a joint meeting of the
11 education standing committees during each regular legislative session.
- 12 10. Shall facilitate the development and implementation of a North Dakota learning
13 continuum in collaboration with the department of career and technical education,
14 upon the recommendation of the kindergarten through grade twelve education
15 coordination council.

16 **SECTION 2. EFFECTIVE DATE.** This Act becomes effective upon its filing with the
17 secretary of state.