

**House Bill 3593**  
Senate Amendments  
Section-by-Section Analysis

HOUSE VERSION

SECTION 1. Section 28.002, Education Code, is amended by amending Subsections (f) and (g-2) and adding Subsection (g-3) to read as follows:

(f) A school district may offer courses for local credit in addition to those in the required curriculum. The State Board of Education shall:

(1) be flexible in approving a course for credit for high school graduation under this subsection; and

(2) approve courses in cybersecurity for credit for high school graduation under this subsection.

(g-2) Each school district shall annually report to the agency the names of the courses, programs, institutions of higher education, and internships in which the district's students have enrolled under Subsection (g-1) and the names of the courses and institutions of higher education in which the district's students have enrolled under Subsection (g-3). The agency shall make available information provided under this subsection to other districts.

(g-3) A district may also offer a course in cybersecurity that is approved by the board of trustees for credit without obtaining State Board of Education approval if the district partners with a public or private institution of higher education that offers an undergraduate degree program in cybersecurity to develop and provide the course.

SECTION 2. Section 28.025, Education Code, is amended by amending Subsections (b-12) and (c-1) and adding Subsection (c-10) to read as follows:

(b-12) In adopting rules under Subsection (b-1), the State Board of Education shall adopt criteria to allow a student to comply with the curriculum requirements for the two credits

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SECTION 1. Same as House version.

SECTION 2. Same as House version.

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in a language other than English required under Subsection (b-1)(5) by substituting two credits in computer programming languages, including computer coding.

(c-1) A student may earn an endorsement on the student's transcript by successfully completing curriculum requirements for that endorsement adopted by the State Board of Education by rule. The State Board of Education by rule shall provide students with multiple options for earning each endorsement, including, to the greatest extent possible, coherent sequences of courses. The State Board of Education by rule must permit a student to enroll in courses under more than one endorsement curriculum before the student's junior year. An endorsement under this subsection may be earned in any of the following categories:

(1) science, technology, engineering, and mathematics (STEM), which includes courses directly related to science, including environmental science, technology, including computer science, cybersecurity, and computer coding, engineering, and advanced mathematics;

(2) business and industry, which includes courses directly related to database management, information technology, communications, accounting, finance, marketing, graphic design, architecture, construction, welding, logistics, automotive technology, agricultural science, and heating, ventilation, and air conditioning;

(3) public services, which includes courses directly related to health sciences and occupations, mental health, education and training, law enforcement, and culinary arts and hospitality;

(4) arts and humanities, which includes courses directly related to political science, world languages, cultural studies, English literature, history, and fine arts; and

(5) multidisciplinary studies, which allows a student to:

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(A) select courses from the curriculum of each endorsement area described by Subdivisions (1) through (4); and  
(B) earn credits in a variety of advanced courses from multiple content areas sufficient to complete the distinguished level of achievement under the foundation high school program.

(c-10) In adopting rules under Subsection (c-1), the State Board of Education shall adopt or select five technology applications courses on cybersecurity to be included in a cybersecurity pathway for the science, technology, engineering, and mathematics endorsement.

SECTION 3. Section 29.190, Education Code, is amended by adding Subsection (b) and amending Subsection (c) to read as follows:

(b) A teacher is entitled to a subsidy under this section if the teacher passes a certification examination related to cybersecurity.

(c) On approval by the commissioner, the agency shall pay each school district an amount equal to the cost paid by the district for a [the] certification examination under this section. To obtain reimbursement for a subsidy paid under this section, a district must:

- (1) pay the fee for the examination; and
- (2) submit to the commissioner a written application on a form prescribed by the commissioner stating the amount of the fee paid under Subdivision (1) for the certification examination.

SECTION 4. Section 39.053(c), Education Code, is amended

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SECTION 3. Same as House version.

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to read as follows:

(c) School districts and campuses must be evaluated based on five domains of indicators of achievement adopted under this section that include:

(1) in the first domain, the results of:

(A) assessment instruments required under Sections 39.023(a), (c), and (l), including the results of assessment instruments required for graduation retaken by a student, aggregated across grade levels by subject area, including:

(i) for the performance standard determined by the commissioner under Section 39.0241(a), the percentage of students who performed satisfactorily on the assessment instruments, aggregated across grade levels by subject area; and

(ii) for the college readiness performance standard as determined under Section 39.0241, the percentage of students who performed satisfactorily on the assessment instruments, aggregated across grade levels by subject area; and

(B) assessment instruments required under Section 39.023(b), aggregated across grade levels by subject area, including the percentage of students who performed satisfactorily on the assessment instruments, as determined by the performance standard adopted by the agency, aggregated across grade levels by subject area;

(2) in the second domain:

(A) for assessment instruments under Subdivision (1)(A):

(i) for the performance standard determined by the commissioner under Section 39.0241(a), the percentage of students who met the standard for annual improvement on the assessment instruments, as determined by the commissioner by rule or by the method for measuring annual improvement under Section 39.034, aggregated across grade levels by

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subject area; and

(ii) for the college readiness performance standard as determined under Section 39.0241, the percentage of students who met the standard for annual improvement on the assessment instruments, as determined by the commissioner by rule or by the method for measuring annual improvement under Section 39.034, aggregated across grade levels by subject area; and

(B) for assessment instruments under Subdivision (1)(B), the percentage of students who met the standard for annual improvement on the assessment instruments, as determined by the commissioner by rule or by the method for measuring annual improvement under Section 39.034, aggregated across grade levels by subject area;

(3) in the third domain, the student academic achievement differentials among students from different racial and ethnic groups and socioeconomic backgrounds;

(4) in the fourth domain:

(A) for evaluating the performance of high school campuses and districts that include high school campuses:

(i) dropout rates, including dropout rates and district completion rates for grade levels 9 through 12, computed in accordance with standards and definitions adopted by the National Center for Education Statistics of the United States Department of Education;

(ii) high school graduation rates, computed in accordance with standards and definitions adopted in compliance with the Every Student Succeeds Act [~~No Child Left Behind Act of 2001~~] (20 U.S.C. Section 6301 et seq.);

(iii) the percentage of students who successfully completed the curriculum requirements for the distinguished level of achievement under the foundation high school program;

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- (iv) the percentage of students who successfully completed the curriculum requirements for an endorsement under Section 28.025(c-1);
  - (v) the percentage of students who completed a coherent sequence of career and technical courses;
  - (vi) the percentage of students who satisfy the Texas Success Initiative (TSI) college readiness benchmarks prescribed by the Texas Higher Education Coordinating Board under Section 51.3062(f) on an assessment instrument in reading, writing, or mathematics designated by the Texas Higher Education Coordinating Board under Section 51.3062(c);
  - (vii) the percentage of students who earn at least 12 hours of postsecondary credit required for the foundation high school program under Section 28.025 or to earn an endorsement under Section 28.025(c-1);
  - (viii) the percentage of students who have completed an advanced placement course;
  - (ix) the percentage of students who enlist in the armed forces of the United States; ~~and~~
  - (x) the percentage of students who earn an industry certification; and
  - (xi) the percentage of students who successfully completed a practicum or internship approved by the State Board of Education;
- (B) for evaluating the performance of middle and junior high school and elementary school campuses and districts that include those campuses:
- (i) student attendance; and
  - (ii) for middle and junior high school campuses:
    - (a) dropout rates, computed in the manner described by Paragraph (A)(i); and
    - (b) the percentage of students in grades seven and eight who

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receive instruction in preparing for high school, college, and a career that includes information regarding the creation of a high school personal graduation plan under Section 28.02121, the distinguished level of achievement described by Section 28.025(b-15), each endorsement described by Section 28.025(c-1), college readiness standards, and potential career choices and the education needed to enter those careers; and  
(C) any additional indicators of student achievement not associated with performance on standardized assessment instruments determined appropriate for consideration by the commissioner in consultation with educators, parents, business and industry representatives, and employers; and  
(5) in the fifth domain, three programs or specific categories of performance related to community and student engagement locally selected and evaluated as provided by Section 39.0546.

SECTION 5. Section 42.154(b), Education Code, is amended to read as follows:

(b) In this section:

(1) "Career and technology education class" and "career and technology education program" include a technology applications course on cybersecurity adopted or selected by the State Board of Education under Section 28.025(c-10).

(2) "Full-time [~~-, "full-time~~] equivalent student" means 30 hours of contact a week between a student and career and technology education program personnel.

SECTION 6. Section 42.158, Education Code, is amended by adding Subsection (a-1) to read as follows:

(a-1) A school district entitled to an allotment under this

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section may use funds from the district's allotment to renovate an existing instructional facility to serve as a dedicated cybersecurity computer laboratory.

SECTION 7. Section 135.04, Education Code, is amended by adding Subsection (d) to read as follows:

(d) A cybersecurity program provided by a campus or extension center in partnership with a school district to students enrolled in the district is not subject to the approval of the coordinating board under this section.

SECTION 8. This Act applies beginning with the 2017-2018 school year.

SECTION 9. This Act takes effect immediately if it receives a vote of two-thirds of all the members elected to each house, as provided by Section 39, Article III, Texas Constitution. If this Act does not receive the vote necessary for immediate effect, this Act takes effect September 1, 2017.

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No equivalent provision. SECTION 7. [Deleted by CA1]

SECTION 8. Same as House version.

SECTION 9. Same as House version.

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