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February 26, 2018

AS AMENDED

SENATE BILL NO. 1370

By: Smalley

[schools - subject matter standards - certain
curriculum units - mathematics course - science
course - ~~effective date~~ -

~~emergency]~~

BE IT ENACTED BY THE PEOPLE OF THE STATE OF OKLAHOMA:

SECTION 1. AMENDATORY 70 O.S. 2011, Section 11-103.6, as last amended by Section 1, Chapter 118, O.S.L. 2017 (70 O.S. Supp. 2017, Section 11-103.6), is amended to read as follows:

Section 11-103.6. A. 1. The State Board of Education shall adopt subject matter standards for instruction of students in the public schools of this state that are necessary to ensure there is attainment of desired levels of competencies in a variety of areas to include language, mathematics, science, social studies and communication.

2. School districts shall develop and implement curriculum, courses and instruction in order to ensure that students meet the skills and competencies as set forth in this section and in the subject matter standards adopted by the State Board of Education.

1 3. All students shall gain literacy at the elementary and
2 secondary levels. Students shall develop skills in reading,
3 writing, speaking, computing and critical thinking. For purposes of
4 this section, critical thinking means a manner of analytical
5 thinking which is logical and uses linear factual analysis to reach
6 a conclusion. They also shall learn about cultures and environments
7 - their own and those of others with whom they share the earth.
8 Students, therefore, shall study social studies, literature,
9 languages, the arts, mathematics and science. Such curricula shall
10 provide for the teaching of a hands-on career exploration program in
11 cooperation with technology center schools.

12 4. The subject matter standards shall be designed to teach the
13 competencies for which students shall be tested as provided in
14 Section 1210.508 of this title, and shall be designed to prepare all
15 students for active citizenship, employment and/or successful
16 completion of postsecondary education without the need for remedial
17 coursework at the postsecondary level.

18 5. The subject matter standards shall be designed with rigor as
19 defined in paragraph 3 of subsection F of this section.

20 6. The subject matter standards for English Language Arts shall
21 give Classic Literature and nonfiction literature equal
22 consideration to other literature. In addition, emphasis shall be
23 given to the study of complete works of literature.
24

1 7. At a minimum, the subject matter standards for mathematics
2 shall require mastery of the standard algorithms in mathematics,
3 which is the most logical, efficient way of solving a problem that
4 consistently works, and for students to attain fluency in Euclidian
5 geometry.

6 B. Subject to the provisions of subsection C of this section,
7 in order to graduate from a public high school accredited by the
8 State Board of Education with a standard diploma, students shall
9 complete the following college preparatory/~~work-ready~~ curriculum
10 units or sets of competencies at the secondary level:

11 1. Four units or sets of competencies of English to include
12 Grammar, Composition, Literature, or any English course approved for
13 college admission requirements;

14 2. Three units or sets of competencies of mathematics, limited
15 to Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis,
16 Calculus, Advanced Placement Statistics, or any mathematics course
17 with content and/or rigor above Algebra I and approved for college
18 admission requirements;

19 3. Three units or sets of competencies of laboratory science
20 approved for college admission requirements, including one unit or
21 set of competencies of life science, meeting the standards for
22 Biology I; one unit or set of competencies of physical science,
23 meeting the standards for Physical Science, Chemistry or Physics;
24 and one unit or set of competencies from the domains of physical

1 science, life science or earth and space science such that the
2 content and rigor is above Biology I or Physical Science;

3 4. Three units or sets of competencies of history and
4 citizenship skills, including one unit of American History, 1/2 unit
5 of Oklahoma History, 1/2 unit of United States Government and one
6 unit from the subjects of History, Government, Geography, Economics,
7 Civics, or non-Western culture and approved for college admission
8 requirements;

9 5. Two units or sets of competencies of the same foreign or
10 non-English language or two units of computer technology approved
11 for college admission requirements, whether taught at a high school
12 or a technology center school, including computer programming,
13 hardware, and business computer applications, such as word
14 processing, databases, spreadsheets, and graphics, excluding
15 keyboarding or typing courses;

16 6. One additional unit or set of competencies selected from
17 paragraphs 1 through 5 of this subsection or career and technology
18 education courses, concurrently enrolled courses, Advanced Placement
19 courses or International Baccalaureate courses approved for college
20 admission requirements; and

21 7. One unit or set of competencies of fine arts, such as music,
22 art, or drama, or one unit or set of competencies of speech.

23 C. In lieu of the requirements of subsection B of this section
24 which requires a college preparatory/~~work-ready~~ curriculum, a

1 student may enroll in the ~~core~~ career ready curriculum as provided
2 in subsection D of this section upon written approval of the parent
3 or legal guardian of the student. School districts may require a
4 parent or legal guardian of the student to meet with a designee of
5 the school prior to enrollment in the ~~core~~ curriculum. The State
6 Department of Education shall develop and distribute to school
7 districts a form suitable for this purpose, which shall include
8 information on the benefits to students of ~~completing the college~~
9 ~~preparatory/work ready curriculum as provided for in subsection B of~~
10 ~~this section~~ each pathway as part of the student's Individual Career
11 and Academic Plan (ICAP), as defined by Section 1210.508-4 of this
12 title.

13 D. For those students subject to the requirements of subsection
14 C of this section, in order to graduate from a public high school
15 accredited by the State Board of Education with a standard diploma,
16 students shall complete the following core curriculum units or sets
17 of competencies at the secondary level:

18 1. Language Arts - 4 units or sets of competencies, to consist
19 of 1 unit or set of competencies of grammar and composition, and 3
20 units or sets of competencies which may include, but are not limited
21 to, the following courses:

- 22 a. American Literature,
- 23 b. English Literature,
- 24 c. World Literature,

1 d. Advanced English Courses, or

2 e. other English courses with content and/or rigor equal
3 to or above grammar and composition;

4 2. Mathematics - 3 units or sets of competencies, to consist of
5 1 unit or set of competencies of Algebra I or Algebra I taught in a
6 contextual methodology, and 2 units or sets of competencies which
7 may include, but are not limited to, the following courses:

8 a. Algebra II,

9 b. Geometry or Geometry taught in a contextual
10 methodology,

11 c. Trigonometry,

12 d. Math Analysis or Precalculus,

13 e. Calculus,

14 f. Statistics and/or Probability,

15 g. Computer Science,

16 h. (1) contextual mathematics courses which enhance
17 technology preparation, or

18 (2) a science, technology, engineering and math
19 (STEM) block course meeting the requirements for
20 course competencies listed in paragraph 2 of
21 subsection B of this section, whether taught at
22 a:

23 (a) comprehensive high school, or
24

(b) technology center school when taken in the tenth, eleventh or twelfth grade, taught by a certified teacher, and approved by the State Board of Education and the independent district board of education,

i. mathematics courses taught at a technology center school by a teacher certified in the secondary subject area when taken in the tenth, eleventh or twelfth grade upon approval of the State Board of Education and the independent district board of education, ~~or~~

j. successful completion of one (1) year of a full-time, three-hour career and technology program, as identified by the student's ICAP, or

k. any other mathematics course with content and/or rigor equal to or above Algebra I;

3. Science - 3 units or sets of competencies, to consist of 1 unit or set of competencies of Biology I or Biology I taught in a contextual methodology, and 2 units or sets of competencies in the areas of life, physical, or earth science or technology which may include, but are not limited to, the following courses:

- a. Chemistry I,
- b. Physics,
- c. Biology II,
- d. Chemistry II,

- e. Physical Science,
- f. Earth Science,
- g. Botany,
- h. Zoology,
- i. Physiology,
- j. Astronomy,
- k. Applied Biology/Chemistry,
- l. Applied Physics,
- m. Principles of Technology,
- n. qualified agricultural education courses,
- o. (1) contextual science courses which enhance
technology preparation, or
(2) a science, technology, engineering and math
(STEM) block course meeting the requirements for
course competencies listed in paragraph 3 of
subsection B of this section, whether taught at
a:
 - (a) comprehensive high school, or
 - (b) technology center school when taken in the
tenth, eleventh or twelfth grade, taught by
a certified teacher, and approved by the
State Board of Education and the independent
district board of education,

- 1 p. science courses taught at a technology center school
2 by a teacher certified in the secondary subject area
3 when taken in the tenth, eleventh or twelfth grade
4 upon approval of the State Board of Education and the
5 independent district board of education, ~~or~~
6 q. successful completion of one (1) year of a full-time,
7 three-hour career and technology program, as
8 identified by the student's ICAP, or
9 r. other science courses with content and/or rigor equal
10 to or above Biology I;

11 4. Social Studies - 3 units or sets of competencies, to consist
12 of 1 unit or set of competencies of United States History, 1/2 to 1
13 unit or set of competencies of United States Government, 1/2 unit or
14 set of competencies of Oklahoma History, and 1/2 to 1 unit or set of
15 competencies which may include, but are not limited to, the
16 following courses:

- 17 a. World History,
18 b. Geography,
19 c. Economics,
20 d. Anthropology, or
21 e. other social studies courses with content and/or rigor
22 equal to or above United States History, United States
23 Government, and Oklahoma History;

1 5. Arts - 1 unit or set of competencies which may include, but
2 is not limited to, courses in Visual Arts and General Music; and

3 6. Computer Education or World Language - 1 unit or set of
4 competencies of computer technology, whether taught at a high school
5 or a technology center school, including computer programming,
6 hardware and business computer applications, such as word
7 processing, databases, spreadsheets and graphics, excluding
8 keyboarding or typing courses, or 1 unit or set of competencies of
9 foreign or non-English language.

10 E. 1. In addition to the curriculum requirements of either
11 subsection B or D of this section, in order to graduate from a
12 public high school accredited by the State Board of Education
13 students shall complete the requirements for a personal financial
14 literacy passport as set forth in the Passport to Financial Literacy
15 Act and any additional course requirements or recommended elective
16 courses as may be established by the State Board of Education and
17 the district school board. School districts shall strongly
18 encourage students to complete two units or sets of competencies of
19 foreign languages and two units or sets of competencies of physical
20 and health education.

21 2. No student shall receive credit for high school graduation
22 more than once for completion of the same unit or set of
23 competencies to satisfy the curriculum requirements of this section.
24

1 3. A school district shall not be required to offer every
2 course listed in subsections B and D of this section, but shall
3 offer sufficient courses to allow a student to meet the graduation
4 requirements during the secondary grade years of the student.

5 F. For purposes of this section:

6 1. "Contextual methodology" means academic content and skills
7 taught by utilizing real-world problems and projects in a way that
8 helps students understand the application of that knowledge;

9 2. "Qualified agricultural education courses" means courses
10 that have been determined by the State Board of Education to offer
11 the sets of competencies for one or more science content areas and
12 which correspond to academic science courses. Qualified
13 agricultural education courses shall include, but are not limited
14 to, Horticulture, Plant and Soil Science, Natural Resources and
15 Environmental Science, and Animal Science. The courses shall be
16 taught by teachers certified in agricultural education and comply
17 with all rules of the Oklahoma Department of Career and Technology
18 Education;

19 3. "Rigor" means a level of difficulty that is thorough,
20 exhaustive and accurate and is appropriate for the grade level;

21 4. "Sets of competencies" means instruction in those skills and
22 competencies that are specified in the subject matter standards
23 adopted by the State Board of Education and other skills and
24

competencies adopted by the Board, without regard to specified instructional time; and

5. "Unit" means a Carnegie Unit as defined by the North Central Association's Commission on Schools.

G. 1. The State Board of Education shall adopt a plan to ensure that rigor is maintained in the content, teaching methodology, level of expectations for student achievement, and application of learning in all the courses taught to meet the graduation requirements as specified in this section.

2. The State Board of Education shall allow as much flexibility at the district level as is possible without diminishing the rigor or undermining the intent of providing these courses. To accomplish this purpose, the State Department of Education shall work with school districts in reviewing and approving courses taught by districts that are not specifically listed in subsections B and D of this section. Options may include, but shall not be limited to, courses taken by concurrent enrollment, advanced placement, or correspondence, or courses bearing different titles.

3. The State Board of Education shall approve an advanced placement computer science course to meet the requirements of course competencies listed in paragraph 2 of subsection B of this section if the course is taken in a student's senior year and the student is concurrently enrolled in or has successfully completed Algebra II.

1 4. Technology center school districts may offer programs
2 designed in cooperation with institutions of higher education which
3 have an emphasis on a focused field of career study upon approval of
4 the State Board of Education and the independent district board of
5 education. Students in the tenth grade may be allowed to attend
6 these programs for up to one-half (1/2) of a school day and credit
7 for the units or sets of competencies required in paragraphs 2, 3
8 and 6 of subsection B or D of this section shall be given if the
9 courses are taught by a teacher certified in the secondary subject
10 area; provided, credit for units or sets of competencies pursuant to
11 subsection B of this section shall be approved for college admission
12 requirements.

13 5. If a student enrolls in a concurrent course, the school
14 district shall not be responsible for any costs incurred for that
15 course, unless the school district does not offer enough course
16 selection during the student's secondary grade years to allow the
17 student to receive the courses needed to meet the graduation
18 requirements of this section. If the school district does not offer
19 the necessary course selection during the student's secondary grade
20 years, it shall be responsible for the cost of resident tuition at
21 an institution in The Oklahoma State System of Higher Education,
22 fees, and books for the concurrent enrollment course, and providing
23 for transportation to and from the institution to the school site.

24

1 It is the intent of the Legislature that for students enrolled
2 in a concurrent enrollment course which is paid for by the school
3 district pursuant to this paragraph, the institution charge only the
4 supplementary and special service fees that are directly related to
5 the concurrent enrollment course and enrollment procedures for that
6 student. It is further the intent of the Legislature that fees for
7 student activities and student service facilities, including the
8 student health care and cultural and recreational service fees, not
9 be charged to such students.

10 6. Credit for the units or sets of competencies required in
11 subsection B or D of this section shall be given when such units or
12 sets of competencies are taken prior to ninth grade if the teachers
13 are certified or authorized to teach the subjects for high school
14 credit and the required rigor is maintained.

15 7. The three units or sets of competencies in mathematics
16 required in subsection B or D of this section shall be completed in
17 the ninth through twelfth grades. If a student completes any
18 required courses or sets of competencies in mathematics prior to
19 ninth grade, the student may take any other mathematics courses or
20 sets of competencies to fulfill the requirement to complete three
21 units or sets of competencies in grades nine through twelve after
22 the student has satisfied the requirements of subsection B or D of
23 this section.
24

1 8. All units or sets of competencies required for graduation
2 may be taken in any sequence recommended by the school district.

3 H. As a condition of receiving accreditation from the State
4 Board of Education, all students in grades nine through twelve shall
5 enroll in a minimum of six periods, or the equivalent in block
6 scheduling or other scheduling structure that allows for instruction
7 in sets of competencies, of rigorous academic and/or rigorous
8 vocational courses each day, which may include arts, vocal and
9 instrumental music, speech classes, and physical education classes.

10 I. 1. Academic and vocational-technical courses designed to
11 offer sets of competencies integrated or embedded within the course
12 that provide for the teaching and learning of the appropriate skills
13 and knowledge in the subject matter standards, as adopted by the
14 State Board of Education, may upon approval of the Board, in
15 consultation with the Oklahoma Department of Career and Technology
16 Education if the courses are offered at a technology center school
17 district, be counted for academic credit and toward meeting the
18 graduation requirements of this section.

19 2. Internet-based courses offered by a technology center school
20 that are taught by a certified teacher and provide for the teaching
21 and learning of the appropriate skills and knowledge in the subject
22 matter standards may, upon approval of the State Board of Education
23 and the independent district board of education, be counted for
24

1 academic credit and toward meeting the graduation requirements of
2 this section.

3 3. Internet-based courses or vocational-technical courses
4 utilizing integrated or embedded skills for which no subject matter
5 standards have been adopted by the State Board of Education may be
6 approved by the Board, in consultation with the Oklahoma Department
7 of Career and Technology Education if the courses are offered at a
8 technology center school district, if such courses incorporate
9 standards of nationally recognized professional organizations and
10 are taught by certified teachers.

11 4. Courses offered by a supplemental education organization
12 that is accredited by a national accrediting body and that are
13 taught by a certified teacher and provide for the teaching and
14 learning of the appropriate skills and knowledge in the subject
15 matter standards may, upon approval of the State Board of Education
16 and the school district board of education, be counted for academic
17 credit and toward meeting the graduation requirements of this
18 section.

19 J. The State Board of Education shall provide an option for
20 high school graduation based upon attainment of the desired levels
21 of competencies as required in tests pursuant to the provisions of
22 Section 1210.508 of this title. Such option shall be in lieu of the
23 amount of course credits earned.

1 K. The State Board of Education shall prescribe, adopt and
2 approve a promotion system based on the attainment by students of
3 specified levels of competencies in each area of the core
4 curriculum.

5 L. Children who have individualized education programs pursuant
6 to the Individuals with Disabilities Education Act (IDEA), and who
7 satisfy the graduation requirements through the individualized
8 education program for that student shall be awarded a standard
9 diploma.

10 M. Students who enter the ninth grade in or prior to the 2007-
11 08 school year who are enrolled in an alternative education program
12 and meet the requirements of their plans leading to high school
13 graduation developed pursuant to Section 1210.568 of this title
14 shall be awarded a standard diploma.

15 N. Any student who completes the curriculum requirements of the
16 International Baccalaureate Diploma Program shall be awarded a
17 standard diploma.

18 O. Any student who successfully completes an advanced
19 mathematics or science course offered pursuant to Section 1210.404
20 of this title shall be granted academic credit toward meeting the
21 graduation requirements pursuant to paragraph 2 or 3, as
22 appropriate, of subsection B or D of this section.

23 P. For purposes of this section, the courses approved for
24 college admission requirements shall be courses which are approved

1 by the Oklahoma State Regents for Higher Education for admission to
2 an institution within The Oklahoma State System of Higher Education.

3 Q. Students who have been denied a standard diploma by the
4 school district in which the student is or was enrolled for failing
5 to meet the requirements of this section may re-enroll in the school
6 district that denied the student a standard diploma following the
7 denial of a standard diploma. The student shall be provided
8 remediation or intervention and the opportunity to complete the
9 curriculum units or sets of competencies required by this section to
10 obtain a standard diploma. Students who re-enroll in the school
11 district to meet the graduation requirements of this section shall
12 be exempt from the hourly instructional requirements of Section 1-
13 111 of this title and the six-period enrollment requirements of this
14 section.

15 R. The State Department of Education shall collect and report
16 data by school site and district on the number of students who
17 enroll in the core curriculum as provided in subsection D of this
18 section.

19 ~~SECTION 2. This act shall become effective July 1, 2018.~~

20 ~~SECTION 3. It being immediately necessary for the preservation~~
21 ~~of the public peace, health or safety, an emergency is hereby~~
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~~declared to exist, by reason whereof this act shall take effect and
be in full force from and after its passage and approval.~~

COMMITTEE REPORT BY: COMMITTEE ON EDUCATION
February 26, 2018 - DO PASS AS AMENDED