

**R277. Education, Administration.**

**R277-700. The Elementary and Secondary School General Core.**

**R277-700-1. Authority and Purpose.**

- (1) This rule is authorized by:
  - (a) Utah Constitution Article X, Section 3, which vests general control and supervision over public education in the Board;
  - (b) Subsection 53E-3-401(4), which allows the Board to make rules to execute the Board's duties and responsibilities under the Utah Constitution and state law;
  - (c) Section 53E-3-501, which directs the Board to make rules regarding competency levels, graduation requirements, curriculum, and instruction requirements;
  - (d) Section 53E-4-202, which directs:
    - (i) the Board to establish Core Standards in consultation with LEA boards and superintendents; and
    - (ii) LEA boards to adopt local curriculum and to design programs to help students master the General Core;
  - (e) Title 53E, Chapter 4, Part 2, Career and College Readiness Mathematics Competency, which directs the Board to establish college and career mathematics competency standards; and
  - (f) Section 53E-4-205, which requires the Board to provide rules related to a basic civics test.
- (2) The purpose of this rule is to specify the minimum Core Standards and General Core requirements for the public schools, and to establish responsibility for mastery of Core Standard requirements.

**R277-700-2. Definitions.**

For purposes of this rule:

- (1)(a) "Applied course" means a public school course or class that applies the concepts of a Core subject.
- (b) "Applied course" includes a course offered through Career and Technical Education or through other areas of the curriculum.
- (2) "Arts" means the visual arts, music, dance, theatre, and media arts.
- (3) "Assessment" means a summative computer adaptive assessment for:
  - (a) English language arts grades 3 through 11;
  - (b) mathematics grades 3 through 8, and Secondary I, II, and III; or
  - (c) science grades 4 through 8, earth science, biology, physics and chemistry.

(4) "Career and Technical Education (CTE)" means an organized educational program or course which directly or indirectly prepares students for employment, or for additional preparation leading to employment, in an occupation, where entry requirements generally do not require a baccalaureate or advanced degree.

(5) "Core Standard" means a statement of what a student enrolled in a public school is expected to know and be able to do at a specific grade level or following completion of an identified course.

(6) "Core subject" means a course for which there is a declared set of Core Standards as approved by the Board.

(7) "Elementary school" for purposes of this rule means a school that serves grades K-6 in whatever kind of school the grade levels exist.

(8) "General Core" means the courses, content, instructional elements, materials, resources and pedagogy that are used to teach the Core Standards, including the ideas, knowledge, practice and skills that support the Core Standards.

(9) "High school" for purposes of this rule means a school that serves grades 9-12 in whatever kind of school the grade levels exist.

(10) "LEA" or "local education agency" includes the Utah Schools for the Deaf and the Blind.

(11) "Middle school" for purposes of this rule means a school that serves grades 7-8 in whatever kind of school the grade levels exist.

(12) "Junior High school" means a school that serves grades 7-9 in whatever kind of school the grade levels exist.

(13) "Proficiency in keyboarding" means a student's ability to key by touch.

(14) "Summative adaptive assessment" means an assessment that:

(a) is administered upon completion of instruction to assess a student's achievement;

(b) is administered online under the direct supervision of a licensed educator;

(c) is designed to identify student achievement on the Core Standards for the respective grade and course; and

(d) measures the full range of student ability by adapting to each student's responses, selecting more difficult questions when a student answers correctly and less difficult questions when a student answers incorrectly.

### **R277-700-3. General Core and Core Standards.**

(1) The Board establishes minimum course description standards for each course in the required General Core.

(2)(a) The Superintendent shall develop, in cooperation with LEAs, course descriptions for required and elective courses.

(b) The Superintendent shall provide parents and the general public an opportunity to participate in the development process of the course descriptions described in Subsection (2)(a).

(3)(a) The Superintendent shall ensure that the courses described in Subsection (2):

(i) contain mastery criteria for the courses; and

(ii) stress mastery of the course material, Core Standards, and life skills consistent with the General Core.

(b) The Superintendent shall place a greater emphasis on a student's mastery of course material rather than completion of predetermined time allotments for courses.

(4) An LEA board shall administer the General Core and comply with student assessment procedures consistent with state law.

#### **R277-700-4. Elementary Education Requirements.**

(1) The Core Standards and a General Core for elementary school students in grades K-6 are described in this section.

(2) The following are the Elementary School Education Core Subject Requirements:

(a) English Language Arts;

(b) Mathematics;

(c) Science;

(d) Social Studies;

(e) Arts:

(i) Visual Arts;

(ii) Music;

(iii) Dance; or

(iv) Theatre;

(f) Health Education;

(g) Physical Education;

(h) Educational Technology, including keyboarding; and

(i) Library Media.

(3) An LEA board shall provide access to the General Core to all students within the LEA.

(4) An LEA board is responsible for student mastery of the Core Standards.

(5) An LEA shall conduct informal assessments on a regular basis to ensure continual student progress.

(6) An LEA shall assess students for proficiency in keyboarding by grade 5 and report school level results to the Superintendent.

(7) An LEA shall use Board-approved summative adaptive assessments to assess student mastery of the following:

- (a) reading;
- (b) language arts;
- (c) mathematics;
- (d) science; and
- (e) effectiveness of written expression in grades five and eight.

(8) An LEA shall provide remediation to elementary students who do not achieve mastery of the subjects described in this section.

#### **R277-700-5. Middle School Education Requirements.**

(1) The Core Standards and a General Core for middle school students are described in this section.

(2) A student in grades 7-8 is required to complete the courses described in Subsection (3) to be properly prepared for instruction in grades 9-12.

(3) The following are the Grades 7-8 General Core Requirements:

- (a) Grade 7 Language Arts;
- (b) Grade 8 Language Arts;
- (c) Grade 7 Mathematics;
- (d) Grade 8 Mathematics;
- (e) Grade 7 Integrated Science;
- (f) Grade 8 Integrated Science;
- (g) United States History;
- (h) Utah History; and
- (i) at least one course in each of the following in grades 7 or 8:
  - (A) Health Education;
  - (B) College and Career Awareness;
  - (C) Digital Literacy;
  - (D) the Arts; and
  - (E) Physical Education.

(4) An LEA shall use evidence-based best practices, technology, and other instructional media in middle school curricula to increase the relevance and quality of instruction.

(5) An LEA shall use Board-approved summative adaptive assessments to assess student mastery of the following:

- (a) reading;
- (b) language arts;
- (c) mathematics; and
- (d) science.

(6) At the discretion of the LEA board, an LEA board may:

- (a) offer additional elective courses;
- (b) require a student to complete additional courses; or
- (c) set minimum credit requirements.

(7) Upon parental or student request, an LEA may, with parental consent, substitute a course requirement described in Subsection (3) with a course, extracurricular activity, or experience that is:

- (a) similar to the course requirement; or
- (b) consistent with the student's plan for college and career readiness.

(8)(a) An LEA shall establish a policy governing the substitution of a course requirement as described in Subsection (7).

(b) An LEA's policy described in Subsection (8)(a) shall include a process for a parent to appeal an LEA's denial of a request for a substitution described in Subsection (7) to the LEA board or the LEA board designee.

#### **R277-700-6. High School Requirements.**

(1) The General Core and Core Standards for students in grades 9-12 are described in this section.

(2) A student in grades 9-12 is required to earn a minimum of 24 units of credit through course completion or through competency assessment consistent with R277-705 to graduate.

(3) Through recording of credits in a student's transcripts for grades 9-12, in accordance with Subsections R277-726-5(9) and R277-726-5(10), for purposes of high school graduation, an LEA shall recognize high school credits earned prior to grade 9 through participation in the Statewide Online Education Program, provided that:

- (a) the student has declared an intention to graduate early; and

(b) the high school courses are not used to replace middle school educational requirements.

(4) The General Core credit requirements from courses approved by the Board are described in Subsections (4) through (18).

(5) Language Arts (4.0 units of credit from the following):

(a) Grade 9 level (1.0 unit of credit);

(b) Grade 10 level (1.0 unit of credit);

(c) Grade 11 level (1.0 unit of credit); and

(d) Grade 12 level (1.0 Unit of credit) consisting of applied or advanced language arts credit from the list of Board-approved courses using the following criteria and consistent with the student's Plan for College and Career Readiness:

(i) courses are within the field/discipline of language arts with a significant portion of instruction aligned to language arts content, principles, knowledge, and skills;

(ii) courses provide instruction that leads to student understanding of the nature and disposition of language arts;

(iii) courses apply the fundamental concepts and skills of language arts;

(iv) courses provide developmentally appropriate content; and

(v) courses develop skills in reading, writing, listening, speaking, and presentation.

(6) Mathematics (3.0 units of credit) shall be met minimally through successful completion of a combination of the foundation or foundation honors courses, Secondary Mathematics I, Secondary Mathematics II, and Secondary Mathematics III.

(7)(a) A student may opt out of Secondary Mathematics III if the student's parent submits a written request to the school.

(b) If a student's parent requests an opt out described in Subsection (6)(a), the student is required to complete a third math credit from the Board-approved mathematics list.

(8) A 7th or 8th grade student may earn credit for a mathematics foundation course before 9th grade, consistent with the student's Plan for College and Career Readiness if:

(a) the student is identified as gifted in mathematics on at least two different Board-approved assessments;

(b) the student is enrolled at a middle school or junior high school and a high school;

(c) the student qualifies for promotion one or two grade levels above the student's age group and is placed in 9th grade; or

(d) the student takes the Board competency test in the summer prior to 9th grade and earns high school graduation credit for the course.

(9) A student who successfully completes a mathematics foundation course before 9th grade is required to earn 3.0 units of additional mathematics credit by:

(a) taking the other mathematics foundation courses described in Subsection (5);  
and

(b) an additional course from the Board-approved mathematics list consistent with:

(i) the student's Plan for College and Career Readiness; and

(ii) the following criteria:

(A) courses are within the field/discipline of mathematics with a significant portion of instruction aligned to mathematics content, principles, knowledge, and skills;

(B) courses provide instruction that lead to student understanding of the nature and disposition of mathematics;

(C) courses apply the fundamental concepts and skills of mathematics;

(D) courses provide developmentally appropriate content; and

(E) courses include the five process skills of mathematics: problem solving, reasoning, communication, connections, and representation.

(10) A student who successfully completes a Calculus course with a "C" grade or higher has completed mathematics graduation requirements, regardless of the number of mathematics credits earned.

(11) Science (3.0 units of credit):

(a) shall be met minimally through successful completion of 2.0 units of credit from two of the following five science foundation areas:

(i) Earth Science (1.0 units of credit);

(A) Earth Science;

(B) Advanced Placement Environmental Science; or

(C) International Baccalaureate Environmental Systems;

(ii) Biological Science (1.0 units of credit);

(A) Biology;

(B) Human Biology;

(C) Biology: Agricultural Science and Technology;

(D) Advanced Placement Biology;

(E) International Baccalaureate Biology; or

(F) Biology with Lab Concurrent Enrollment;

(iii) Chemistry (1.0 units of credit);

(A) Chemistry;

- (B) Advanced Placement Chemistry;
- (C) International Baccalaureate Chemistry; or
- (D) Chemistry with Lab Concurrent Enrollment;
- (iv) Physics (1.0 units of credit);
- (A) Physics;
- (B) Physics with Technology;
- (C) Advanced Placement Physics (1, 2, C: Electricity and Magnetism, or C:

Mechanics);

- (D) International Baccalaureate Physics; or
- (E) Physics with Lab Concurrent Enrollment; or
- (v) Computer Science (1.0 units of credit):
- (A) Advanced Placement Computer Science;
- (B) Computer Science Principles; or
- (C) Computer Programming II; and
- (b) one additional unit of credit from:
  - (i) the foundation courses described in Subsection(10)(a); or
  - (ii) the applied or advanced science list:
    - (A) determined by the LEA board; and
    - (B) approved by the Board using the following criteria and consistent with the

student's Plan for College and Career Readiness:

- (i) courses are within the field/discipline of science with a significant portion of instruction aligned to science content, principles, knowledge, and skills;
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of science;
- (iii) courses apply the fundamental concepts and skills of science;
- (iv) courses provide developmentally appropriate content;
- (v) courses include the areas of physical, natural, or applied sciences; and
- (vi) courses develop students' skills in scientific inquiry.

(12) Social Studies (3.0 units of credit) shall be met minimally through successful completion of:

- (a) 2.5 units of credit from the following courses:
  - (i) Geography for Life (0.5 units of credit);
  - (ii) World Civilizations (0.5 units of credit);
  - (iii) U.S. History (1.0 units of credit); and
  - (iv) U.S. Government and Citizenship (0.5 units of credit);
- (b) Social Studies (0.5 units of credit per LEA discretion); and



- (c) a basic civics test or alternate assessment described in R277-700-8.
- (13) The Arts (1.5 units of credit from any of the following performance areas):
  - (a) Visual Arts;
  - (b) Music;
  - (c) Dance; or
  - (d) Theatre.
- (14) Physical and Health Education (2.0 units of credit from any of the following):
  - (a) Health (0.5 units of credit);
  - (b) Participation Skills (0.5 units of credit);
  - (c) Fitness for Life (0.5 units of credit);
  - (d) Individualized Lifetime Activities (0.5 units of credit); or
  - (e) team sport/athletic participation (maximum of 1.0 units of credit with school approval).
- (15) Career and Technical Education (1.0 units of credit from any of the following):
  - (a) Agriculture;
  - (b) Business;
  - (c) Family and Consumer Sciences;
  - (d) Health Science and Technology;
  - (e) Information Technology;
  - (f) Marketing;
  - (g) Technology and Engineering Education; or
  - (h) Trade and Technical Education.
- (16) Digital Studies (0.5 units of credit).
- (17) Library Media Skills (integrated into the subject areas).
- (18) General Financial Literacy (0.5 units of credit).
- (19) Electives (5.5 units of credit).
- (20) An LEA shall use Board-approved summative adaptive assessments to assess student mastery of the following subjects:
  - (a) reading;
  - (b) language arts through grade 11;
  - (c) mathematics as defined in Subsection (5); and
  - (d) science as defined in Subsection (10).
- (21) An LEA board may require a student to earn credits for graduation that exceed the minimum Board requirements described in this rule.
- (22) An LEA board may establish and offer additional elective course offerings at the discretion of the LEA board.

(23)(a) An LEA may modify a student's graduation requirements to meet the unique educational needs of a student if:

(i) the student has a disability; and  
(ii) the modifications to the student's graduation requirements are made through the student's individual IEP.

(b) An LEA shall document the nature and extent of a modification, substitution, or exemption made to a student's graduation requirements described in Subsection (22)(a) in the student's IEP.

(24) The Superintendent shall provide a list of approved courses meeting the requirements of this rule.

(25) An LEA may modify graduation requirements for an individual student to achieve an appropriate route to student success if the modification:

(a) is consistent with:  
(i) the student's IEP; or  
(ii) SEOP/Plan for College and Career Readiness;  
(b) is maintained in the student's file;  
(c) includes the parent's signature; and  
(d) maintains the integrity and rigor expected for high school graduation, as determined by the Board.

#### **R277-700-7. Student Mastery and Assessment of Core Standards.**

(1) An LEA shall ensure students master the Core Standards at all levels.

(2) An LEA shall provide remediation for secondary students who do not achieve mastery in accordance with Section 53G-9-803.

(3) An LEA shall provide remedial assistance to students who are found to be deficient in basic skills through a statewide assessment in accordance with Subsection 53E-5-206(1).

(4) If a parent objects to a portion of a course or to a course in its entirety under Section 53G-10-205, the parent shall be responsible for the student's mastery of Core Standards to the satisfaction of the school prior to the student's promotion to the next course or grade level.

(5)(a) A student with a disability served by a special education program is required to demonstrate mastery of the Core Standards.

(b) If a student's disability precludes the student from successfully mastering the Core Standards, the student's IEP team, on a case-by-case basis, may provide the

student an accommodation for, or modify the mastery demonstration to accommodate, the student's disability.

(6) A student may demonstrate competency to satisfy course requirements consistent with R277-705-3.

(7) LEAs are ultimately responsible for and shall comply with all assessment procedures, policies and ethics as described in R277-404.

**R277-700-8. Civics Education Initiative.**

(1) For purposes of this section:

(a) "Student" means:

(i) a public school student who graduates on or after January 1, 2016; or

(ii) a student enrolled in an adult education program who receives an adult education secondary diploma on or after January 1, 2016.

(b) "Basic civics test" means the same as that term is defined in Subsection 53E-4-205(1)(b).

(2) Except as provided in Subsection (3), an LEA shall:

(a) administer a basic civics test in accordance with the requirements of Section 53E-4-205; and

(b) require a student to pass the basic civics test as a condition of receiving:

(i) a high school diploma; or

(ii) an adult education secondary diploma.

(3) An LEA may require a student to pass an alternate assessment if:

(a)(i) the student has a disability; and

(ii) the alternate assessment is consistent with the student's IEP; or

(b) the student is within six months of intended graduation.

(4) Except as provided in Subsection (5), the alternate assessment shall be given:

(a) in the same manner as an exam given to an unnaturalized citizen; and

(b) in accordance with 8 C.F.R. Sec. 312.2.

(5) An LEA may modify the manner of the administration of an alternate assessment for a student with a disability in accordance with the student's IEP.

(6) If a student passes a basic civics test or an alternate assessment described in this section, an LEA shall report to the Superintendent that the student passed the basic civics test or alternate assessment.

(7) If a student who passes a basic civics test or an alternate assessment transfers to another LEA, the LEA may not require the student to re-take the basic civics test or alternate assessment.

**R277-700-9. College and Career Readiness Mathematics Competency.**

(1) For purposes of this section, "senior student with a special circumstance" means a student who:

(a) is pursuing a college degree after graduation; and

(b) has not met one of criteria described in Subsection (2)(a) before the beginning of the student's senior year of high school.

(2) Except as provided in Subsection (4), in addition to the graduation requirements described in R277-700-6, beginning with the 2016-17 school year, a student pursuing a college degree after graduation shall:

(a) receive one of the following:

(i) a score of 3 or higher on an Advanced Placement (AP) calculus AB or BC exam;

(ii) a score of 3 or higher on an Advanced Placement (AP) statistics exam;

(iii) a score of 5 or higher on an International Baccalaureate (IB) higher level math exam;

(iv) a score of 50 or higher on a College Level Exam Program (CLEP) pre-calculus or calculus exam;

(v) a score of 26 or higher on the mathematics portion of the American College Test (ACT) exam;

(vi) a score of 640 or higher on the mathematics portion of the Scholastic Aptitude Test (SAT) exam; or

(vii) a "C" grade in a concurrent enrollment mathematics course that satisfies a state system of higher education quantitative literacy requirement; or

(b) if the student is a senior student with a special circumstance, take a full year mathematics course during the student's senior year of high school.

(3) Except as provided in Subsection (4), in addition to the graduation requirements described in R277-700-6, beginning with the 2016-17 school year, a non-college and degree-seeking student shall complete appropriate math competencies for the student's career goals as described in the student's Plan for College and Career Readiness.

(4) An LEA may modify a student's college or career readiness mathematics competency requirement under this section if:

(a) the student has a disability; and

(b) the modification to the student's college or career readiness mathematics competency requirement is made through the student's IEP.

(5)(a) An LEA shall report annually to the LEA's board the number of students within the LEA who:

- (i) meet the criteria described in Subsection (2)(a);
- (ii) take a full year of mathematics as described in Subsection (2)(b);
- (iii) meet appropriate math competencies as established in the students' career goals as described in Subsection (3); and
- (iv) meet the college or career readiness mathematics competency requirement established in the students' IEP as described in Subsection (4).

(b) An LEA shall provide the information described in Subsection (5)(a) to the Superintendent by October 1 of each year.

**KEY: graduation requirements, standards**

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