

EDUCATION COMPUTING PARTNERSHIPS

2017 GENERAL SESSION

STATE OF UTAH

Chief Sponsor: Ralph Okerlund

House Sponsor: Bradley G. Last

Cosponsor: Howard A. Stephenson

LONG TITLE

General Description:

This bill creates the Computing Partnerships Grants program.

Highlighted Provisions:

This bill:

- ▶ creates the Computing Partnerships Grants program, administered by the STEM Action Center;
- ▶ authorizes the STEM Action Center to work with the State Board of Education to:
 - adopt rules for the administration of the grant program;
 - establish a grant application process; and
 - establish a review committee; and
- ▶ requires the STEM Action Center to annually report on the grant program to the Education Interim Committee.

Money Appropriated in this Bill:

None

Other Special Clauses:

None

Utah Code Sections Affected:

AMENDS:

63N-12-202, as renumbered and amended by Laws of Utah 2015, Chapter 283

ENACTS:

29 **63N-12-214**, Utah Code Annotated 1953

30

31 *Be it enacted by the Legislature of the state of Utah:*

32 Section 1. Section **63N-12-202** is amended to read:

33 **63N-12-202. Definitions.**

34 As used in this part:

35 (1) "Board" means the STEM Action Center Board created in Section **63N-12-203**.

36 (2) "Computing partnerships" means a set of skills, knowledge, and aptitudes used in
37 computer science, information technology, or computer engineering courses and career options.

38 ~~[(2)]~~ (3) "Educator" [has the same meaning as] means the same as that term is defined
39 in Section **53A-6-103**.

40 (4) "Grant program" means the Computing Partnerships Grants program created in this
41 part.

42 ~~[(3)]~~ (5) "High quality professional development" means professional development that
43 meets high quality standards developed by the State Board of Education.

44 (6) "Institution of higher education" means an institution listed in Section **53B-1-102**.

45 (7) "K-16" means kindergarten through grade 12 and post-secondary education
46 programs.

47 ~~[(4)]~~ (8) "Office" means the Governor's Office of Economic Development.

48 ~~[(5)]~~ (9) "Provider" means a provider, selected by staff of the board and staff of the
49 Utah State Board of Education, on behalf of the board:

50 (a) through a request for proposals process; or

51 (b) through a direct award or sole source procurement process for a pilot described in
52 Section **63N-12-206**.

53 (10) "Review committee" means the committee established under Section **63N-12-214**.

54 (11) "Stacked credentials" means credentials that:

55 (a) an individual can build upon to access an advanced job or higher wage;

56 (b) are part of a career pathway system;

(c) provide a pathway culminating in the equivalent of an associate's or bachelor's degree;

(d) facilitate multiple exit and entry points; and

(e) recognize sub-goals or momentum points.

~~[(6)]~~ (12) "STEM" means science, technology, engineering, and mathematics.

~~[(7)]~~ (13) "STEM Action Center" means the center described in Section [63N-12-205](#).

(14) "Talent Ready Utah" means a partnership between the Governor's Office of Economic Development, the Governor's Education Advisor, the Department of Workforce Services, the Utah State Board of Education, the Utah System of Higher Education, representatives of post-secondary technical education, industry partners, and the Utah STEM Action Center.

Section 2. Section **63N-12-214** is enacted to read:

63N-12-214. Computing Partnerships Grants program.

(1) There is created the Computing Partnerships Grants program consisting of the grants created in this part to provide for the design and implementation of a comprehensive K-16 computing partnerships program, based upon the following common elements:

- (a) outreach and student engagement;
- (b) courses and content;
- (c) instruction and instructional support;
- (d) work-based learning opportunities;
- (e) student retention;
- (f) industry engagement;
- (g) stacked credentials that allow for multiple exit and entry points;
- (h) competency-based learning strategies; and
- (i) secondary and post-secondary collaborations.

(2) The grant program shall incentivize public schools and school districts to work with the STEM Action Center, staff of the State Board of Education, Talent Ready Utah, industry representatives, and secondary partners on the design and implementation of

comprehensive K-16 computing partnerships through:

(a) leveraging existing resources for content, professional learning, and instruction, including existing career and technical education funds, programs, and initiatives;

(b) allowing for the support of professional learning for pre- and in-service educators;

(c) supporting activities that promote and enhance access, diversity, and equity;

(d) supporting collaborations and partnerships between K-12, institutions of higher education, cultural and community partners, and industry representatives;

(e) identifying the appropriate credentials that align with industry needs and providing the credentials in a stacked credentials pathway;

(f) implementing a collaborative network that enables sharing and identification of best practices; and

(g) providing infrastructure assistance that allows for the support of new courses and the expansion of capacity for existing courses.

(3) The grant program shall include the following:

(a) rigorous and relevant metrics that are shared by all grant participants; and

(b) an evaluation by the STEM Action Center of the grant program that identifies best practices.

(4) The STEM Action Center, in consultation with the State Board of Education, shall:

(a) in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, adopt rules:

(i) for the administration of the grant program and awarding of grants; and

(ii) that define outcome-based measures appropriate to the type of grant awarded under this part;

(b) establish a grant application process;

(c) in accordance with Subsection (5), establish a review committee to make recommendations for:

(i) metrics to analyze the quality of a grant application;

(ii) approval of a grant application; and

113 (iii) criteria to establish a requirement for an applicant to demonstrate financial need;
114 and

115 (d) with input from the review committee, adopt metrics to analyze the quality of a
116 grant application.

117 (5) (a) The review committee shall consist of K-16 educators, staff of the State Board
118 of Education, representatives of Talent Ready Utah, post-secondary partners, and industry
119 representatives.

120 (b) The review committee shall:

121 (i) review a grant application submitted;

122 (ii) make recommendations to a grant applicant to modify the grant application, if
123 necessary; and

124 (iii) make recommendations regarding the final disposition of an application.

125 (6) The STEM Action Center shall report annually on the grant program to the State
126 Board of Education and any findings and recommendations on the grant program shall be
127 included in the STEM Action Center annual report to the Education Interim Committee.