

UTAH COMPUTER SCIENCE GRANT ACT

2019 GENERAL SESSION

STATE OF UTAH

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LONG TITLE

General Description:

This bill modifies provisions related to the Talent Ready Utah Center.

29 **Highlighted Provisions:**

30 This bill:

- 31 ▶ defines terms;
- 32 ▶ modifies the responsibilities of the Talent Ready Utah Board;
- 33 ▶ requires the Talent Ready Utah Board to create a computer science education master
- 34 plan;
- 35 ▶ creates the Computer Science for Utah Grant Program;
- 36 ▶ describes the requirements for the State Board of Education and the Talent Ready
- 37 Utah Board to administer the grant program;
- 38 ▶ describes the requirements for a local education agency to apply for the grant
- 39 program; and
- 40 ▶ describes reporting requirements of a local education agency that receives money
- 41 from the grant program.

42 **Money Appropriated in this Bill:**

43 This bill appropriates in fiscal year 2020:

- 44 ▶ to the State Board of Education -- Initiative Programs -- Computer Science for Utah
- 45 Grant Program, as a one-time appropriation:
 - 46 • from the Education Fund, \$3,150,000.

47 **Other Special Clauses:**

48 None

49 **Utah Code Sections Affected:**

50 AMENDS:

51 **63N-12-501**, as enacted by Laws of Utah 2018, Chapter 423

52 ENACTS:

53 **63N-12-505**, Utah Code Annotated 1953

54 **63N-12-506**, Utah Code Annotated 1953

55

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

57 Section 1. Section **63N-12-501** is amended to read:

58 **63N-12-501. Definitions.**

59 As used in this part:

60 (1) "Center" means the Talent Ready Utah Center created in Section [63N-12-502](#).

61 (2) "High quality professional learning" means the professional learning standards for
62 teachers and principals described in Section [53G-11-303](#).

63 (3) "Local education agency" means a school district, a charter school, or the Utah
64 Schools for the Deaf and the Blind.

65 (4) "Master plan" means the computer science education master plan described in
66 Section [63N-12-505](#).

67 (5) "State board" means the State Board of Education.

68 [~~2~~] (6) "Talent ready board" means the Talent Ready Utah Board created in Section
69 [63N-12-503](#).

70 [~~3~~] (7) "Workforce programs" means education or industry programs that facilitate
71 training the state's workforce to meet industry demand.

72 Section 2. Section **63N-12-505** is enacted to read:

73 **63N-12-505. Computer science education master plan.**

74 On or before August 30, 2019, the talent ready board, in consultation with the state
75 board and the center, shall develop a computer science education master plan that:

76 (1) includes a statement of the objectives and goals of the master plan;

77 (2) describes how the talent ready board and the state board will administer the
78 Computer Science for Utah Grant Program created in Section [63N-12-506](#);

79 (3) provides guidance for local education agencies in implementing computer science
80 education opportunities for students in high school, middle school, and elementary school;

81 (4) integrates recommendations and best practices from private and public entities that
82 are seeking to improve and expand the opportunities for computer science education, including
83 the Expanding Computer Education Pathways Alliance; and

84 (5) makes recommendations to assist a local education agency in creating a local

85 education agency computer science plan described in Subsection 63N-12-506(7), including:

86 (a) providing recommendations regarding course offerings in computer science;

87 (b) providing recommendations regarding professional development opportunities in
88 computer science for licensed teachers;

89 (c) providing recommendations regarding curriculum software for computer science
90 courses;

91 (d) providing recommendations regarding assessment solutions to measure the learning
92 outcomes of students in computer science courses; and

93 (e) providing information regarding how a local education agency can receive technical
94 support from the talent ready board in providing computer science education opportunities for
95 students.

96 Section 3. Section 63N-12-506 is enacted to read:

97 **63N-12-506. Computer Science for Utah Grant Program.**

98 (1) As used in this section, "grant program" means the Computer Science for Utah
99 Grant Program created in Subsection (2).

100 (2) The Computer Science for Utah Grant Program is created to provide grants to
101 eligible local education agencies for improving computer science learning outcomes and course
102 offerings as demonstrated by:

103 (a) the creation and implementation of a local education agency computer science plan
104 as described in Subsection (7); and

105 (b) the effective implementation of approved courses and the provision of effective
106 training opportunities for licensed teachers.

107 (3) Subject to appropriations from the Legislature, and subject to the approval of the
108 talent ready board, the state board shall distribute to local education agencies money
109 appropriated for the grant program in accordance with this section.

110 (4) The state board shall:

111 (a) solicit applications from local education agency boards to receive grant money
112 under the grant program;

113 (b) make recommendations to the talent ready board regarding the awarding of grant
114 money to a local education agency board on behalf of a local education agency based on the
115 criteria described in Subsection (6); and

116 (c) obtain final approval from the talent ready board before awarding grant money.

117 (5) In administering the Computer Science for Utah Grant Program, the state board and
118 the office, in consultation with the talent ready board, may make rules, in accordance with this
119 part and Title 63G, Chapter 3, Utah Administrative Rulemaking Act, that:

120 (a) describe the form and deadlines for a grant application by a local education agency
121 under this section; and

122 (b) describe the reporting requirements required by a local education agency after
123 receiving a grant under this section.

124 (6) In awarding a grant under Subsection (3), the state board shall consider the
125 effectiveness of the local education agency in creating and implementing a local education
126 agency computer science plan as described in Subsection (7).

127 (7) Each local education agency that seeks a grant as described in this section shall
128 submit a written computer science plan, in a form approved by the state board and the talent
129 ready board, that:

130 (a) covers at least four years;

131 (b) addresses the recommendations of the talent ready board's computer science
132 education master plan described in Section [63N-12-505](#);

133 (c) identifies targets for improved computer science offerings, student learning, and
134 licensed teacher training;

135 (d) describes a computer science professional development program and other
136 opportunities for high quality professional learning for licensed teachers or individuals training
137 to become licensed teachers;

138 (e) provides a detailed budget, communications, and reporting structure for
139 implementing the computer science plan;

140 (f) commits to provide one computer science course offering, approved by the talent

141 ready board, in every middle and high school within the local education agency;

142 (g) commits to integrate computer science education into the curriculum of each
143 elementary school within the local education agency; and

144 (h) includes any other requirement established by the state board or the office by rule,
145 in consultation with the talent ready board, in accordance with this part and Title 63G, Chapter
146 3, Utah Administrative Rulemaking Act.

147 (8) Each local education agency that receives a grant as described in this section shall
148 provide an annual written assessment to the state board and the talent ready board for each year
149 that the local education agency receives a grant or expends grant money that includes:

150 (a) how the grant money was used;

151 (b) any improvements in the number and quality of computer science offerings
152 provided by the local education agency and any increase in the number of licensed teachers
153 providing computer science teaching to students;

154 (c) any difficulties encountered during implementation of the local education agency's
155 written computer science plan and steps that will be taken to address the difficulties; and

156 (d) any other requirement established by the state board or the office by rule, in
157 consultation with the talent ready board, in accordance with this part and Title 63G, Chapter 3,
158 Utah Administrative Rulemaking Act.

159 (9) (a) The state board and the talent ready board shall review each annual written
160 assessment described in Subsection (8).

161 (b) As a result of the review described in Subsection (9)(a):

162 (i) the state board or the talent ready board may provide recommendations to improve
163 the progress of the local education agency in meeting the objectives of the written computer
164 science plan;

165 (ii) the state board may determine not to renew or extend a grant under this section; or

166 (iii) the state board or the talent ready board may take other action to assist the local
167 education agency.

168 Section 4. **Appropriation.**

