

58 degree;

59 (d) facilitate multiple exit and entry points; and

60 (e) recognize sub-goals or momentum points.

61 ~~[(6)]~~ (12) "STEM" means science, technology, engineering, and mathematics.

62 ~~[(7)]~~ (13) "STEM Action Center" means the center described in Section 63N-12-205.

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

64 **63N-12-214. Computing Pathways Grants program.**

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

68 (a) outreach and student engagement;

69 (b) courses and content;

70 (c) instruction and instructional support;

71 (d) work-based learning opportunities;

72 (e) student retention;

73 (f) industry engagement;

74 (g) stacked credentials that allow for multiple exit and entry points;

75 (h) competency-based learning strategies; and

76 (i) secondary and post-secondary collaborations.

77 (2) The grant program shall incentivize public schools and school districts to work
78 with the STEM Action Center, staff of the State Board of Education, industry representatives,
79 and secondary partners on the design and implementation of comprehensive K-16 computing
80 pathways through:

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

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

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

85 (d) supporting collaborations and partnerships between K-12, ~~§~~→ institutions of ←~~§~~
85a higher education,

86 cultural and community partners, and industry representatives;

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

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

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

93 (3) The grant program shall include the following:

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

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

97 ~~— (c) a full-time staff person to oversee the implementation of the grant program.] ~~and~~~~

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

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

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

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

104 (b) establish a grant application process;

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

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

108 (ii) approval of a grant application; and

109 (iii) criteria to establish a requirement for an applicant to demonstrate financial need;

110 and

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

113 (5) (a) The review committee shall consist of K-16 educators, staff of the State Board
 114 of Education, post-secondary partners, and industry representatives.

115 (b) The review committee shall:

116 (i) review a grant application submitted;

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

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