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LEGISLATIVE ACTION

Senate

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House

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The Committee on Appropriations (Passidomo) recommended the following:

**Senate Amendment (with title amendment)**

Delete everything after the enacting clause  
and insert:

Section 1. Section 1007.2616, Florida Statutes, is amended  
to read:

1007.2616 Computer science and technology instruction.—

(1) For the purposes of this section, the term "computer  
science" means the study of computers and algorithmic processes,  
including their principles, hardware and software designs,



234318

11 applications, and their impact on society, and includes computer  
12 coding and computer programming.

13 (2) (a) ~~(1)~~ Public schools shall provide students in grades  
14 K-12 opportunities for learning computer science, including, but  
15 not limited to, computer coding and computer programming. Such  
16 opportunities may include coding instruction in elementary  
17 school and middle school ~~and~~, instruction to develop students'  
18 computer usage and digital literacy skills in middle school, and  
19 must include courses in computer science, ~~computer coding, and~~  
20 ~~computer programming~~ in middle school and high school, including  
21 earning-related industry certifications. Such courses must be  
22 integrated into each school district's middle and high schools,  
23 including combination schools in which any of grades 6 through  
24 12 are taught.

25 (b) Computer science courses must be identified in the  
26 Course Code Directory and published on the Department of  
27 Education's website no later than July 1, 2018. Additional  
28 computer science courses may be subsequently identified and  
29 posted on the department's website.

30 (3) The Florida Virtual School shall offer computer science  
31 courses identified in the Course Code Directory pursuant to  
32 paragraph (2) (b). If a school district does not offer an  
33 identified course, the district must provide students access to  
34 the course through the Florida Virtual School or through other  
35 means.

36 (4) (a) Subject to legislative appropriation, a school  
37 district or a consortium of school districts may apply to the  
38 department, in a format prescribed by the department, for  
39 funding to deliver or facilitate training for classroom teachers



234318

40 to earn an educator certificate in computer science pursuant to  
41 s. 1012.56 or an industry certification associated with a course  
42 identified in the Course Code Directory pursuant to paragraph  
43 (2)(b). Such funding shall only be used to provide training for  
44 classroom teachers and to pay fees for examinations that lead to  
45 a credential pursuant to this paragraph.

46 (b) Once the department has identified courses in the  
47 Course Code Directory pursuant to paragraph (2)(b), the  
48 department shall establish a deadline for submitting  
49 applications. The department shall award funding to school  
50 districts in a manner that allows for an equitable distribution  
51 of funding statewide based on student population.

52 (5)~~(2)~~ Elementary schools and middle schools may establish  
53 digital classrooms in which students are provided opportunities  
54 to improve digital literacy and competency; to learn digital  
55 skills, such as coding, multiple media presentation, and the  
56 manipulation of multiple digital graphic images; and to earn  
57 digital tool certificates and certifications pursuant to s.  
58 1003.4203 and grade-appropriate, technology-related industry  
59 certifications.

60 (6)~~(3)~~ High school students must be provided ~~schools may~~  
61 ~~provide students~~ opportunities to take computer science courses  
62 to satisfy high school graduation requirements, including, but  
63 not limited to, the following:

64 (a) High school computer science courses of sufficient  
65 rigor, as identified by the commissioner, such that one credit  
66 in computer science and the earning of related industry  
67 certifications constitute the equivalent of up to one credit of  
68 the mathematics requirement, with the exception of Algebra I or



234318

69 higher-level mathematics, or up to one credit of the science  
70 requirement, with the exception of Biology I or higher-level  
71 science, for high school graduation. Computer science courses  
72 and technology-related industry certifications that are  
73 identified as eligible for meeting mathematics or science  
74 requirements for high school graduation shall be included in the  
75 Course Code Directory.

76 (b) High school computer technology courses in 3D rapid  
77 prototype printing of sufficient rigor, as identified by the  
78 commissioner, such that one or more credits in such courses and  
79 related industry certifications earned may satisfy up to two  
80 credits of mathematics required for high school graduation with  
81 the exception of Algebra I. Computer technology courses in 3D  
82 rapid prototype printing and related industry certifications  
83 that are identified as eligible for meeting mathematics  
84 requirements for high school graduation shall be included in the  
85 Course Code Directory.

86 (7) Subject to legislative appropriation, a classroom  
87 teacher who was evaluated as effective or highly effective  
88 pursuant to s. 1012.34 in the previous school year or who is  
89 newly hired by the district school board and has not been  
90 evaluated pursuant to s. 1012.34 must receive a bonus as  
91 follows:

92 (a) If the classroom teacher holds an educator certificate  
93 in computer science pursuant to s. 1012.56 or if he or she has  
94 passed the computer science subject area examination and holds  
95 an adjunct certificate issued by a school district pursuant to  
96 s. 1012.57, he or she shall receive a bonus of \$1,000 after each  
97 year the individual completes teaching a computer science course



234318

98 identified in the Course Code Directory pursuant to paragraph  
99 (2) (b) at a public middle, high, or combination school in the  
100 state, for up to 3 years.

101 (b) If the classroom teacher holds an industry  
102 certification associated with a course identified in the Course  
103 Code Directory pursuant to paragraph (2) (b), he or she shall  
104 receive a bonus of \$500 after each year the individual completes  
105 teaching the identified course at a public middle, high, or  
106 combination school in the state, for up to 3 years.

107  
108 A school district shall report a qualifying classroom teacher to  
109 the department by a date and in a format established by the  
110 department. An eligible classroom teacher shall receive his or  
111 her bonus upon completion of the school year in which he or she  
112 taught the course. A teacher may not receive more than one bonus  
113 per year under this subsection.

114 (8)-(4) The State Board of Education shall may adopt rules  
115 to administer this section.

116 Section 2. This act shall take effect upon becoming a law.

117  
118 ===== T I T L E A M E N D M E N T =====

119 And the title is amended as follows:

120 Delete everything before the enacting clause  
121 and insert:

122 A bill to be entitled  
123 An act relating to computer science instruction;  
124 amending s. 1007.2616, F.S.; providing a definition;  
125 providing requirements for specified instruction  
126 relating to computer science; requiring certain



234318

127 computer science courses to be included in the Course  
128 Code Directory and published on the Department of  
129 Education's website by a specified date; requiring the  
130 Florida Virtual School to offer certain computer  
131 science courses; requiring school districts to provide  
132 access to computer science courses offered by the  
133 Florida Virtual school or by other means under certain  
134 circumstances; providing funds for school districts to  
135 provide professional development for classroom  
136 teachers; providing Department of Education  
137 responsibilities for the distribution of such funds;  
138 requiring that high school students be provided  
139 opportunities to take certain courses to meet certain  
140 graduation requirements; providing funds for bonuses  
141 for certain classroom teachers; requiring, rather than  
142 authorizing, the State Board of Education to adopt  
143 rules; providing an effective date.