

Amendment No. 1

COMMITTEE/SUBCOMMITTEE ACTION

ADOPTED (Y/N)
ADOPTED AS AMENDED (Y/N)
ADOPTED W/O OBJECTION (Y/N)
FAILED TO ADOPT (Y/N)
WITHDRAWN (Y/N)
OTHER

1 Committee/Subcommittee hearing bill: K-12 Subcommittee
2 Representative Adkins offered the following:

3
4 **Amendment (with title amendment)**

5 Remove everything after the enacting clause and insert:

6 Section 1. Subsection (6) of section 1004.015, Florida
7 Statutes, is renumbered as subsection (7), and a new subsection
8 (6) is added to that section to read:

9 1004.015 Higher Education Coordinating Council.—

10 (6) (a) The Higher Education Coordinating Council shall
11 develop recommendations to prepare students for successful
12 postsecondary education and careers in computer science,
13 information technology, and related fields. In developing the
14 recommendations, the Council shall consider policies and
15 practices that are designed to increase access to high-quality
16 educational experiences that help more students obtain careers
17 in these fields.

Amendment No. 1

18 (b) The Council's recommendations must identify:

19 1. High school courses in computer science, including
20 computer coding and computer programming, of sufficient rigor
21 such that they may be used to satisfy specified State University
22 System admission requirements, including requirements for
23 foreign languages, mathematics, and science.

24 2. Common academic and technical skills needed for
25 students to help meet projected labor market demands in computer
26 science, information technology, and related fields in Florida.

27 3. How middle and high school students, including
28 underrepresented and nontraditional students, can be encouraged
29 to pursue further studies and careers in computer science,
30 information technology, and related fields.

31 4. Secondary course sequences which prepare students to
32 succeed in postsecondary educational programs in computer
33 science, information technology, and related fields.

34 5. Gaps in current policy, curricula, programs, and
35 practices at the state, school district, and postsecondary level
36 which inhibit students from pursuing advanced studies and
37 careers in computer science, information technology, and related
38 fields.

39 6. Appropriate educator qualifications and computer
40 science pedagogy to maintain technologically current
41 instructional knowledge and practices in teacher preparation
42 programs.

Amendment No. 1

43 7. Common definitions for terms related to computer
44 science, including terms such as computer coding and computer
45 programming, for consistent use across the Florida K-20
46 education system.

47 (c) No later than December 31, 2017, the Council shall
48 report its recommendations to the Board of Governors, the State
49 Board of Education, and the Legislature.

50 (d) This subsection expires July 1, 2017.

51 Section 2. Subsection (4) of section 1007.2616, Florida
52 Statutes, is renumbered as subsection (5), respectively, and
53 subsection (4) is added to that section, to read:

54 1007.2616 Computer science and technology instruction.—

55 (4) (a) No later than June 30, 2017, the Commissioner of
56 Education shall develop academic standards for computer science,
57 including standards and benchmarks for computer coding and
58 computer programming, and include in the Course Code Directory
59 high school-level courses which incorporate the standards and
60 prepare students for postsecondary success in computer science,
61 information technology, and related fields.

62 (b) The Florida Virtual School shall offer computer
63 science courses identified in the Course Code Directory pursuant
64 to this subsection. If a school district does not offer an
65 identified course, it must provide students access to the course
66 through the Florida Virtual School or through other means.

67 (c) If a student is enrolled in an identified course that
68 satisfies any foreign language, mathematics, or science

Amendment No. 1

69 admission requirements for the Florida College System or the
70 State University System, the school district must notify the
71 student that he or she should contact any out-of-state or
72 private postsecondary institution to which the student is
73 applying and inquire whether the course credit satisfies any of
74 the institution's admissions requirements.

75 (d) The Department of Education shall annually report to
76 the Board of Governors and the Legislature the following:

77 1. The courses identified in the Course Code Directory
78 pursuant to this subsection.

79 2. The number of students, by district, including the
80 Florida Virtual School, who are enrolled in a course identified
81 in the Course Code Directory pursuant to this subsection.

82 3. The number of individuals who hold a valid educator
83 certificate in computer science or a related field.

84 Section 3. The State Board of Education shall consult with
85 the Board of Governors and school districts to develop
86 strategies for recruiting qualified teachers to provide computer
87 science instruction, updating computer science educator
88 certification requirements, providing appropriate professional
89 development to maintain technologically current instructional
90 knowledge and practices in the school districts, and identifying
91 and streamlining traditional and alternative pathways toward
92 computer science educator certification.

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Amendment No. 1

95 **T I T L E A M E N D M E N T**

96 Remove lines 3-15 and insert:

97 amending s. 1004.015, F.S.; requiring the Higher Education
98 Coordinating Council to make recommendations related to computer
99 science instruction and identify certain items; requiring the
100 Council to report its findings and recommendations to the State
101 University System Board of Governors and the Legislature;
102 amending s. 1007.2616, F.S.; requiring the Commissioner of
103 Education to develop certain standards and identify certain
104 courses in the Course Code Directory; requiring the Florida
105 Virtual School to offer certain courses identified by the
106 Commissioner of Education and requiring school districts to
107 provide students access to such courses; requiring the
108 Department of Education to annually report certain information;
109 requiring the State Board of Education, the State University
110 System Board of Governors, and school districts to develop
111 strategies relating to computer science educator certification
112 and teacher recruitment; providing an effective date.