

AMENDED IN ASSEMBLY APRIL 22, 2014

AMENDED IN ASSEMBLY APRIL 2, 2014

CALIFORNIA LEGISLATURE—2013–14 REGULAR SESSION

ASSEMBLY BILL

No. 1539

Introduced by Assembly Member Hagman
(Coauthors: Assembly Members Brown, Nestande, and Waldron)
(Coauthor: Senator Knight)

January 22, 2014

An act to add Section 60605.4 to the Education Code, relating to content standards.

LEGISLATIVE COUNSEL'S DIGEST

AB 1539, as amended, Hagman. Content standards: computer science.

Existing law requires the State Board of Education to adopt statewide academically rigorous content standards, pursuant to recommendations of the Commission for the Establishment of Academic Content and Performance Standards, in core curriculum areas.

This bill would require the ~~state board to adopt~~ *Instructional Quality Commission to develop and recommend to the state board*, on or before July 31, 2015, computer science content standards, pursuant to recommendations developed by a group of computer science experts ~~and in consideration of national computer science content standards, that provide guidance for teaching computer science education in grades 7 to 12, inclusive.~~ *The bill would express that the Legislature encourages the commission to consider existing computer science content standards, including, but not necessarily limited to, national K-12 computer science standards developed by the Computer Science Teachers Association.* The bill would ~~require~~ *encourage* the Superintendent, in consultation

with the ~~state board~~ *commission*, to convene that group of experts and ensure that the group includes individuals from specified groups.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Section 60605.4 is added to the Education Code,
 2 to read:
 3 60605.4. (a) On or before July 31, 2015, the ~~state board shall~~
 4 ~~adopt~~ *Instructional Quality Commission is encouraged to develop*
 5 *and recommend to the state board*, computer science content
 6 standards, pursuant to recommendations developed by a group of
 7 computer science experts ~~and in consideration of national computer~~
 8 ~~science content standards, that provide guidance for teaching~~
 9 ~~computer science education in grades 7 to 12, inclusive.~~ The
 10 *Legislature encourages the Instructional Quality Commission to*
 11 *consider existing computer science standards, which include, but*
 12 *are not limited to, the national K-12 computer science standards*
 13 *developed by the Computer Science Teachers Association, and*
 14 *consider content standards* ~~shall include, that include, but are not~~
 15 ~~necessarily be~~ limited to, standards for teaching coding. For
 16 purposes of this section, “coding” is the process of converting a
 17 program design into an accurate and detailed representation of that
 18 program in a suitable language.
 19 (b) (1) The Superintendent, in consultation with the ~~state board,~~
 20 ~~shall~~ *Instructional Quality Commission, is encouraged to* convene
 21 the group of experts ~~required~~ *referenced* in subdivision (a), and
 22 ~~shall is encouraged to~~ ensure that the members of the group
 23 include, but are not necessarily limited to, all of the following:
 24 (A) Teachers who teach computer science, including
 25 mathematics and science teachers, in grades 7 to 12, inclusive.
 26 (B) Schoolsite principals.
 27 (C) School district or county office of education administrators.
 28 (D) University professors.
 29 (E) Representatives of private sector business or industry.
 30 (2) The Superintendent, in consultation with the state board,
 31 shall ensure that one-half of the members of the group are teachers
 32 as described in subparagraph (A) of paragraph (1).

- 1 (c) The content standards may be used by school districts to
- 2 develop computer science programs and course assessments but
- 3 are not mandatory.

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