

AMENDED IN SENATE AUGUST 19, 2014  
AMENDED IN SENATE JULY 2, 2014  
AMENDED IN SENATE JUNE 10, 2014  
AMENDED IN ASSEMBLY MAY 27, 2014  
AMENDED IN ASSEMBLY APRIL 22, 2014  
AMENDED IN ASSEMBLY APRIL 2, 2014

CALIFORNIA LEGISLATURE—2013–14 REGULAR SESSION

**ASSEMBLY BILL**

**No. 1539**

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

January 22, 2014

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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 Instructional Quality Commission to consider developing and recommending to the state board, on or before July 31, 2019, computer science content standards for kindergarten and grades 1 to 12, inclusive, pursuant to recommendations developed by a group of computer science experts. The bill would require the

commission to consider existing computer science content standards, including, but not limited to, national K–12 computer science content standards developed by the Computer Science Teachers Association. The bill would require the Superintendent of Public Instruction, in consultation with the state board, to consider convening that group of experts and ensure that the group includes individuals from specified groups. *The bill would declare that the operation of its provisions is subject to an appropriation being made for these purposes in the annual Budget Act or another statute.*

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, 2019, the Instructional  
4 Quality Commission shall consider developing and recommending  
5 to the state board computer science content standards for  
6 kindergarten and grades 1 to 12, inclusive, pursuant to  
7 recommendations developed by a group of computer science  
8 experts. The Instructional Quality Commission shall consider  
9 existing computer science content standards, which include, but  
10 are not limited to, the national K–12 computer science content  
11 standards developed by the Computer Science Teachers  
12 Association, and consider content standards that include, but are  
13 not necessarily limited to, standards for teaching coding. For  
14 purposes of this section, “coding” is the process of converting a  
15 program design into an accurate and detailed representation of that  
16 program in a suitable language.  
17 (b) (1) The Superintendent, in consultation with the state board,  
18 shall consider convening the group of experts referenced in  
19 subdivision (a), and shall ensure that the members of the group  
20 include, but are not necessarily limited to, all of the following:  
21 (A) Teachers who teach computer science, including  
22 mathematics and science teachers, in kindergarten and grades 1 to  
23 12, inclusive.  
24 (B) Schoolsite principals.  
25 (C) School district or county office of education administrators.  
26 (D) University professors.

- 1 (E) Representatives of private sector business or industry.  
2 (2) The Superintendent, in consultation with the state board,  
3 shall ensure that one-half of the members of the group are teachers  
4 as described in subparagraph (A) of paragraph (1).  
5 (c) The computer science content standards may be used by  
6 school districts to develop computer science programs and course  
7 assessments but are not mandatory.  
8 (d) *The operation of this section is subject to an appropriation*  
9 *being made for purposes of this section in the annual Budget Act*  
10 *or another statute.*