

AMENDED IN ASSEMBLY APRIL 30, 2015

AMENDED IN ASSEMBLY MARCH 26, 2015

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

## **ASSEMBLY BILL**

**No. 252**

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**Introduced by Assembly Member Holden**

February 9, 2015

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An act to add and repeal Section 52245 of the Education Code, relating to pupil instruction.

### LEGISLATIVE COUNSEL'S DIGEST

AB 252, as amended, Holden. Advanced placement program: grant program: STEM curriculum.

Existing law contains legislative findings and declarations stating that advanced placement courses, among other things, help to improve the overall curriculum at schools where they are provided and provide a cost-effective means for high school pupils to obtain college-level coursework experience. Existing law requires the Superintendent of Public Instruction to annually update the information on advanced placement available on the Internet Web site of the State Department of Education to include current information on the various means available to school districts to offer or access advanced placement courses, and to annually communicate with high schools that offer advanced placement courses in fewer than 5 subjects and inform them of the various options for making advanced placement courses and other rigorous courses available to pupils who may benefit from them.

This bill, until July 1, 2021, would establish a grant program overseen by the department for purposes of awarding grants to cover the costs associated with a high school establishing or expanding its advanced

placement STEM curriculum, as defined. The bill would require the Superintendent to submit ~~no later than~~ *on or before* July 1, 2021, a specified report to the Legislature describing the effectiveness of the grant program.

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. (a) The Legislature finds and declares all of the  
2 following:

3 (1) According to a 2009 report “Technical Difficulties: Meeting  
4 California’s Workforce Needs in Science, Technology,  
5 Engineering, and Math (STEM) Fields,” there is a large disparity  
6 between the continued workforce demands for degrees in the STEM  
7 fields and a continued shortfall of STEM degrees conferred to  
8 California’s minority population.

9 (2) Fifty-nine percent of California’s African American pupils  
10 who have potential to thrive in an advanced placement STEM  
11 course do not take the advanced placement STEM course for which  
12 they have potential.

13 (3) Fifty-eight percent of California’s American Indian and  
14 Alaska Native pupils do not take the advanced placement STEM  
15 course for which they have potential.

16 (4) Fifty-five percent of California’s Hispanic or Latino pupils  
17 do not take the advanced placement STEM course for which they  
18 have potential.

19 (5) Forty-one percent of California’s female pupils do not take  
20 the advanced placement STEM course for which they have  
21 potential.

22 (6) More than ninety percent of colleges and universities across  
23 the country offer college credit, advanced placement, or both, for  
24 qualifying advanced placement examination scores. These credits  
25 can potentially save pupils and their families thousands of dollars  
26 in college tuition, fees, and textbook costs.

27 (7) Research shows that pupils who take advanced placement  
28 courses are much more likely than their peers to complete a college  
29 degree on time. Pupils have the opportunity to dig deeper into  
30 subjects that interest them, develop advanced research and

1 communication skills, and learn to tap their creative,  
2 problem-solving, and analytical potential.

3 (8) Advanced placement courses give pupils access to rigorous  
4 college-level work. Advanced placement pupils build confidence  
5 and learn the essential time management and study skills needed  
6 for college and career success.

7 (b) It is the intent of the Legislature to establish an advanced  
8 placement STEM Access Grant Program to expand diversity in  
9 the STEM field in regards to socioeconomic standing, gender, and  
10 race.

11 SEC. 2. Section 52245 is added to the Education Code, to read:

12 52245. (a) For purposes of this section, “STEM curriculum”  
13 means courses in any of the following subject areas:

14 (1) Biology.

15 (2) Calculus.

16 (3) Chemistry.

17 (4) Computer science.

18 (5) Environmental science.

19 (6) Physics.

20 (7) Statistics.

21 (b) There is hereby established a grant program for the purpose  
22 of awarding moneys to cover the costs associated with a high  
23 school establishing or expanding its advanced placement STEM  
24 curriculum. Grants shall be administered in accordance with both  
25 of the following:

26 (1) Grant funds may be used for ~~professional development to~~  
27 ~~enable instructors to teach an advanced placement course in the~~  
28 ~~STEM curriculum proposed to be established by the high school.~~  
29 *one-time costs of establishing or expanding advanced placement*  
30 *STEM courses, including, but not limited to, teacher recruitment,*  
31 *professional development, instructional materials, laboratory*  
32 *materials and supplies, and facilities remodeling.*

33 (2) The grant amount shall be determined based on the cost of  
34 the type of advanced placement course in the STEM curriculum,  
35 not to exceed eight thousand dollars (\$8,000) per grant ~~application,~~  
36 ~~excluding professional development costs.~~ *application.*

37 (c) ~~A high school district may apply to the department for grant~~  
38 ~~funding a maximum of one grant per high school and ten grants~~  
39 ~~per school district pursuant to this section if all of the following~~  
40 conditions are met:

(1) The high school meets either of the following criteria:

(A) Does not offer advanced placement courses in the STEM curriculum.

(B) Offers advanced placement courses in the STEM curriculum, but those courses are oversubscribed. “Oversubscribed” means demand for the course exceeds ~~space~~ *enrollment* by at least one-half of the number of pupils required for a full class.

(2) The high school has identified pupils *from populations that are underrepresented in STEM courses* who have demonstrated they have high potential to be successful in one or more advanced placement courses in the STEM curriculum. The high school may identify pupils using any means it deems appropriate, including, but not limited to, a pupil’s score on the preliminary SAT.

*(d) Grant applications shall be submitted on a form developed by the Superintendent and shall include, but not necessarily be limited to, an itemized budget for the establishment or expansion of the advanced placement STEM course and an agreement to provide the Superintendent with the data needed for the report required pursuant to subdivision (f).*

~~(d)~~

*(e) In awarding grants, the department shall give first priority to applicants with no advanced placement courses in the STEM curriculum.*

~~(e)~~

*(f) (1) No later than On or before July 1, 2021, the Superintendent shall submit a report to the Legislature describing the effectiveness of the grant program established pursuant to this section. The Superintendent is encouraged to consult with the College Board in preparing the report pursuant to this subdivision. The report shall include both of the following:*

~~(A) The~~ *the increase in the number of pupils who have access to in total, and the number of pupils by gender and pupil subgroup, as defined in Section 52052, enrolled in advanced placement courses in the STEM curriculum.*

~~(B) The increase in the number of pupils in the advanced placement courses in the STEM curriculum that include core demographics, including, but not limited to, gender and race.~~

(2) A report submitted pursuant to this subdivision shall be submitted in compliance with Section 9795 of the Government Code.

1     ~~(f)~~

2     (g) The department shall implement this section only to the  
3 extent that moneys are available to the department and the  
4 Superintendent for the purposes of this section. The moneys may  
5 be derived from any source, including, but not limited to, state  
6 funding, federal funding, and nonstate funding sources.

7     ~~(g)~~

8     (h) This section shall become inoperative on July 1, 2021, and,  
9 as of January 1, 2022, is repealed, unless a later enacted statute,  
10 that becomes operative on or before January 1, 2022, deletes or  
11 extends the dates on which it becomes inoperative and is repealed.

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