

AMENDED IN ASSEMBLY APRIL 9, 2008

CALIFORNIA LEGISLATURE—2007—08 REGULAR SESSION

ASSEMBLY BILL

No. 2855

Introduced by Assembly Member Hancock

February 22, 2008

An act to add Article 6.1 (commencing with Section 54710) and Article 6.2 (commencing with Section 54720) to Chapter 9 of Part 29 of Division 4 of Title 2 of the Education Code, relating to career technical education.

LEGISLATIVE COUNSEL'S DIGEST

AB 2855, as amended, Hancock. Career technical education: partnership academies: green technology and goods movement.

Existing law provides for the establishment of partnership academies by participating school districts and establishes criteria qualifying pupils in grades 10, 11, and 12 for enrollment in the academies. Existing law establishes the parameters for the Superintendent of Public Instruction to issue a maximum of 155 grants per year to school districts maintaining high schools that meet the partnership academy eligibility requirements.

This bill would establish 2 new categories of partnership academies, the Green Technology Partnership Academies and the Goods Movement Partnership Academies. Commencing with the 2009–10 school year, the State Department of Education, in coordination with the Superintendent, ~~when funds become available for additional partnership academies,~~ would be required to issue grants for the establishment of 9 partnership academies dedicated to training young people in the emerging environmentally sound technologies related to the design and construction industries, and 4 partnership academies dedicated to training young people in goods movement occupational areas, such as

port and terminal operations, shipping, logistics, trucking, rail, air, and security, as space becomes available within the total number of grants available for all partnership academies under existing law. The selection of school districts to establish the new partnership academies and the planning and development of the new partnership academies would be required to be conducted pursuant to the procedures and requirements established for all partnership academies under existing law.

The bill, in the event a school district applies to convert an existing school program to one of the new types of partnership academies and meets all the specified criteria for that new partnership academy, would authorize the department, in coordination with the Superintendent, to provide that academy with first-year implementation funds. In order to be eligible for funding for a new type of partnership academy, this bill would require the coursework and internship or preapprenticeship programs of the proposed academy to focus on the appropriate academy purposes. This bill would require staff development opportunities to be included in the academy plans.

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. The Legislature finds and declares all of the
- 2 following:
- 3 (a) Initiatives taken by the State of California and by California
- 4 cities to reduce energy consumption through green building has
- 5 resulted in a huge demand for a skilled ~~workforce~~, for *workforce*.
- 6 For example, on December 14, 2004, Governor Schwarzenegger
- 7 issued Executive Order S-20-04 with the goal of reducing energy
- 8 use in state-owned buildings by 20 percent by 2015, from the 2003
- 9 baseline. The executive order also encourages the private
- 10 commercial sector to set the same goal.
- 11 (b) The office of the President of the University of California;
- 12 the California State University; the San Francisco, Los Angeles,
- 13 and Peralta Community College Districts; the Public Employees’
- 14 Retirement System; the State Teachers’ Retirement System; and
- 15 other public entities have passed initiatives that will reduce energy
- 16 use through energy-efficient retrofitting and green building for
- 17 new construction and retrofitting.

1 (c) Cities across the state have passed green building ordinances,
2 from green building design and construction guidelines, including,
3 but not limited to, meeting Leadership in Energy and
4 Environmental Design (LEED) standards, and construction and
5 demolition waste recycling ordinances.

6 (d) The movement towards green building in California matches
7 nationwide economic growth patterns; according to preliminary
8 results of a McGraw-Hill Construction/National Association of
9 Home Builders (NAHB) survey, there was a 20-percent increase
10 in 2005 in the number of homebuilders focused on green,
11 environmentally responsible building. This number is expected to
12 have ~~increase~~ *increased* by another 30 percent in 2006.

13 (e) By 2010, residential green building is expected to grow to
14 between \$19,000,000,000 and \$38,000,000,000 in the United
15 States.

16 (f) Three-quarters of the buildings in the United States will be
17 built through new construction or will be modernized during the
18 next 30 years.

19 (g) Clean technology, ~~or “Clean Tech,”~~ or “*Clean Tech*” has
20 been described as “the biggest economic opportunity of the 21st
21 century,” moving to the third-highest investment category within
22 the entire venture asset class, overtaking the semiconductor sector
23 in terms of dollars being invested. Passage of ~~AB~~ *Assembly Bill*
24 32 in 2006 (Chapter 448 of the Statutes of 2006) will increase the
25 need for green technology efforts to meet industry efforts to reduce
26 greenhouse gas emissions.

27 (h) Green building is a recognized approach to mitigating
28 climate change, as buildings are responsible for 40 percent of all
29 greenhouse gas emissions annually and 76 percent of all electricity
30 in the United States.

31 (i) The great demand placed upon the green building sector is
32 making it difficult for modern energy professionals, such as energy
33 service companies, to meet work demands due to a shortage of
34 trained workers in fields such as heating, ventilation, and air
35 conditioning (HVAC), lighting, refrigeration, carpentry, masonry,
36 and roofing.

37 (j) Green building demands are necessitating the development
38 of curriculum to train young people, prepare them to serve the
39 growing labor market, and provide access to meaningful,
40 career-oriented jobs.

1 (k) Career and partnership academy programs in green building
2 could provide graduates with a direct link to advanced community
3 college-level certification programs in sustainability or trades
4 apprenticeships.

5 SEC. 2. Article 6.1 (commencing with Section 54710) is added
6 to Chapter 9 of Part 29 of Division 4 of Title 2 of the Education
7 Code, to read:

8

9 Article 6.1. Green Technology Partnership Academies

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11 54710. (a) Commencing with the 2009–10 school year, the
12 department, in coordination with the Superintendent, ~~when funds~~
13 ~~become available for additional partnership academies~~, shall issue
14 grants for the establishment of nine partnership academies
15 dedicated to training young people in the emerging environmentally
16 sound technologies related to the design and construction industries
17 as space becomes available for new partnership academies within
18 the total number of grants available for all partnership academies
19 pursuant to Section 54691.

20 (b) (1) The selection of school districts to establish the green
21 technology partnership academies and the planning and
22 development of the green technology partnership academies shall
23 be conducted pursuant to the procedures and requirements
24 established in Section 54691 for all partnership academies. The
25 planning grants shall be made available for nine academies
26 pursuant to this article from the total number of grants established
27 pursuant to Section 54691.

28 (2) In the event a school district applies to convert an existing
29 school program to a partnership academy and meets all the criteria
30 for a partnership academy pursuant to Section 54692 and paragraph
31 (3), the department, in coordination with the Superintendent, may
32 provide that academy with first-year implementation funds, as
33 appropriate.

34 (3) (A) In order to be eligible for funding pursuant to this article,
35 the coursework and internship or preapprenticeship programs of
36 the proposed academy shall focus on the use of environmentally
37 sound design and construction practices, including the use of
38 energy efficient heating and air-conditioning systems, solar, and
39 other alternative energy sources. The proposed academy shall
40 demonstrate this through its efforts to obtain input from

1 environmental industry, utilities, and professional trade
2 organizations.

3 (B) Staff development opportunities also shall be included in
4 the academy plans to ensure that teaching staff has the opportunity
5 to be trained in the use of emerging technologies and to become
6 familiar with new materials and current practices in the field.

7 SEC. 3. Article 6.2 (commencing with Section 54720) is added
8 to Chapter 9 of Part 29 of Division 4 of Title 2 of the Education
9 Code, to read:

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11 Article 6.2. Goods Movement Partnership Academies

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13 54720. (a) Commencing with the 2009–10 school year, the
14 department, in coordination with the Superintendent, with funds
15 appropriated in the annual Budget Act for all partnership
16 academies, shall issue grants for the establishment of four
17 partnership academies dedicated to training young people in goods
18 movement occupational areas, such as port and terminal operations,
19 shipping, logistics, trucking, rail, air, and security as space becomes
20 available for new partnership academies within the total number
21 of grants available for all partnership academies pursuant to Section
22 54691.

23 (b) (1) The selection of school districts to establish the goods
24 movement partnership academies and the planning and
25 development of the goods movement partnership academies shall
26 be conducted pursuant to the procedures and requirements
27 established in Section 54691 for all partnership academies. The
28 planning grants shall be made available for four academies pursuant
29 to this article from the total number of grants established pursuant
30 to Section 54691.

31 (2) In the event a school district applies to convert an existing
32 school program to a partnership academy and meets all the criteria
33 for a partnership academy pursuant to Section 54692 and paragraph
34 (3), the department, in coordination with the Superintendent, may
35 provide that academy with first-year implementation funds, as
36 appropriate.

37 (3) (A) In order to be eligible for funding pursuant to this article,
38 the coursework and internship or preapprenticeship programs of
39 the proposed academy shall focus significant time on the use of
40 emerging technologies and state-of-the-art equipment. The

1 proposed academy shall demonstrate this through its efforts to
2 obtain input from industry and professional trade organizations.
3 (B) Staff development opportunities also shall be included in
4 the academy plans to ensure that teaching staff has the opportunity
5 to be trained in the use of emerging technologies and to become
6 familiar with new equipment and current practices in the field.

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