

MAR 11 2016

S.R. NO. 109

SENATE RESOLUTION

ENCOURAGING THE DEPARTMENT OF EDUCATION TO PARTNER SCHOOL
COMPLEX AREAS WITH NEIGHBORING INDUSTRIES TO CREATE K-12
COMPLEX AREA CAREER PATHWAYS.

1 WHEREAS, employment related to science, technology,
2 engineering, and math are in-demand and these fields are
3 expected to see sharp increases in job creation; and
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5 WHEREAS, a CNBC survey conducted on five hundred top
6 executives revealed that ninety-two percent of the executives
7 felt there is a jobs skill gap; and
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9 WHEREAS, according to data from the United States
10 Department of Agriculture and Purdue University, the United
11 States expects an annual average of nearly sixty thousand
12 highly-skilled agriculture and related job openings; and
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14 WHEREAS, Cisco Systems, Inc., reports that there will be
15 more than one million cybersecurity job openings in 2016; and
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17 WHEREAS, Hawaii has set a goal to facilitate the creation
18 of eighty thousand new jobs with salaries over \$80,000 in
19 technology and innovation by 2030; and
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21 WHEREAS, while Hawaii's 3.2 percent unemployment rate is
22 ranked fourth best in the nation, Hawaii will still have a
23 twenty-seven percent shortage of skilled workers by the year
24 2020; and
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26 WHEREAS, a critical shortage of graduates who are
27 workforce-ready has forced companies in these fields to import
28 employees to fill vacancies, which decreases the amount of
29 available jobs for Hawaii's local workforce; and
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31 WHEREAS, complex career pathways precisely align curriculum
32 with workforce readiness; and
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34 WHEREAS, high schools nationwide are providing similar
35 complex career pathways through various modes including



1 vocational schools and internship opportunities, some of which
2 lead to certificates or licenses in addition to a high school
3 diploma; and

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5 WHEREAS, complex career pathways must be supported by
6 facilities that ensure pathway support by simulating existing
7 and future workplaces; and

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9 WHEREAS, for the 2014-2015 school year, the Honolulu
10 Community College Construction Academy offers three Department
11 of Education courses at fifteen Oahu high schools; and

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13 WHEREAS, satellite campuses could be utilized by school
14 complexes to develop an applied technology center so that high
15 school students can pursue dual credits for college,
16 certificates, and licenses prior to graduation; and

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18 WHEREAS, the Asia-Pacific Technology and Education Program
19 and Honolulu Community College have suggested that complexes
20 with complex career pathway should plan, design, and construct
21 an applied technology center; and

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23 WHEREAS, Leilehua High School is creating complex career
24 pathways by partnering with the National Security Agency Hawaii
25 and local farmers to develop a cybersecurity and agricultural
26 technology pathway; and

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28 WHEREAS, Waipahu High School is seeking to partner with the
29 Honolulu Authority for Rapid Transportation and Queen's West
30 Oahu Hospital to develop transportation technology and medical
31 technology pathways; now, therefore,

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33 BE IT RESOLVED by the Senate of the Twenty-eighth
34 Legislature of the State of Hawaii, Regular Session of 2016,
35 that the Department of Education is encouraged to partner school
36 complex areas with neighboring industries to create K-12 complex
37 area career pathways; and

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39 BE IT FURTHER RESOLVED that the Department of Education is
40 encouraged to plan, design, and construct an applied technology
41 center at a complex specializing in complex career pathways; and
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1 BE IT FURTHER RESOLVED that certified copies of this
2 Resolution be transmitted to the Chairperson of the Board of
3 Education and Superintendent of Education.
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OFFERED BY:









