

MAR 18 2009

SENATE CONCURRENT RESOLUTION

REQUESTING THE UNIVERSITY OF HAWAII SYSTEM, IN CONSULTATION WITH
THE COUNCIL OF CHIEF ACADEMIC OFFICERS, TO DEVELOP A
COMPREHENSIVE APPROACH TO THE TEACHING OF ENGINEERING AT
UNIVERSITY CAMPUSES STATEWIDE.

1 WHEREAS, the State's economic development goal of
2 encouraging an innovation-based economy relies on workforce
3 proficiencies in science, technology, engineering, and
4 mathematics and requires that students have broad opportunities
5 to learn the advanced skills necessary to succeed in a more
6 complex society; and
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8 WHEREAS, currently the University of Hawaii System offers a
9 number of engineering programs statewide, ranging from applied
10 technical education programs at the Community Colleges to
11 Bachelor, Master, and Doctoral Degree programs at the University
12 level; and
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14 WHEREAS, further development of engineering programs is a
15 matter of statewide concern and would provide wide-ranging
16 academic and economic opportunities for the State; and
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18 WHEREAS, additional engineering programs would address
19 state needs for a skilled workforce with both experience and
20 training in high priority areas for science and technology
21 economic development in the State; and
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23 WHEREAS, additional engineering curriculum offerings would
24 allow the University of Hawaii System to excel in applied and
25 basic science, technology, engineering, and mathematics research
26 fields that provide the hands-on experiences essential for its
27 graduates to be competitive in the global discovery and
28 innovation enterprise; now, therefore,
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30 BE IT RESOLVED by the Senate of the Twenty-fifth
31 Legislature of the State of Hawaii, Regular Session of 2009, the



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1 House of Representatives concurring, that the University of
2 Hawaii System, in consultation with the Council of Chief
3 Academic Officers, is requested to develop a comprehensive
4 approach to the teaching of engineering at University campuses
5 statewide; and

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7 BE IT FURTHER RESOLVED that in developing a comprehensive
8 approach to the teaching of engineering statewide, the
9 University of Hawaii System and the Council of Chief Academic
10 Officers are requested to include, but not be limited to the
11 following considerations:

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- 13 (1) An assessment of engineering academic and workforce
14 needs in the State;
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 - 16 (2) The cost of program implementation on a statewide,
17 campus-by-campus basis, including the current
18 budgetary environment, initial implementation, and a
19 review of continuing operational costs;
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 - 21 (3) Potential articulation and transfer among campuses;
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 - 23 (4) Academic considerations, such as accreditation and
24 faculty availability, and how the effort fits with
25 existing or planned programs at other campuses;
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 - 27 (5) An evaluation of the current proposals to establish an
28 applied engineering program at the University of
29 Hawaii at Hilo and an engineering technology program
30 at Maui Community College; and
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 - 32 (6) A proposed implementation schedule; and
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34 BE IT FURTHER RESOLVED that the University of Hawaii System
35 is request to submit its findings and recommendations, including
36 any budgetary requests and proposed legislation, to the
37 Legislature no later than twenty days prior to the convening of
38 the Regular Session of 2010; and

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40 BE IT FURTHER RESOLVED that certified copies of this
41 Concurrent Resolution be transmitted to the President of the
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1 University of Hawaii System, Council of Chief Academic Officers,
2 and Chairperson of the Board of Regents.
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OFFERED BY:

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