

JAN 23 2009

A BILL FOR AN ACT

MAKING APPROPRIATIONS TO THE UNIVERSITY OF HAWAII.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that an engineering
2 curriculum at the University of Hawaii at Hilo is a matter of
3 statewide concern with wide-ranging possibilities for the
4 future. The university requires essential support to excel in
5 applied and basic science, technology, engineering, and
6 mathematics research fields that provide the hands-on
7 experiences essential for its graduates to be competitive in the
8 global discovery and innovation enterprise.

9 The purposes of this Act are to:

- 10 (1) Establish an undergraduate bachelor in science in
11 applied engineering program at the University of
12 Hawaii at Hilo;
- 13 (2) Establish a special advisory committee to assist the
14 chancellor of the University of Hawaii at Hilo in
15 establishing an undergraduate degree in science
16 program in applied engineering at the University of
17 Hawaii at Hilo; and



- 1 (3) Appropriate funds for the expenses of the special
- 2 advisory committee; and
- 3 (4) Appropriate funds for two engineering faculty
- 4 positions tasked with implementing the new
- 5 undergraduate degree program.

6 SECTION 2. Chapter 304A, Hawaii Revised Statutes, is
7 amended by adding a new section to part IV to be appropriately
8 designated and to read as follows:

9 "§304A- Applied engineering program; establishment. (a)
10 Effective July 1, 2011, there shall be established a bachelor of
11 science degree program in applied engineering at the University
12 of Hawaii at Hilo emphasizing robotics, artificial intelligence,
13 data manipulation, sustainable energy, and food security.

14 (b) The program shall seek to address state needs for a
15 bachelor in science level workforce with both experience and
16 training in high priority areas for science and technology
17 economic development in the State.

18 (c) The program shall also have linkages to current and
19 next generation observatories on Mauna Kea, as well as ongoing
20 University of Hawaii at Hilo pacific international space center
21 for exploration systems."



1 SECTION 3. There is established a special advisory
2 committee to be attached administratively to the University of
3 Hawaii at Hilo for the purpose of assisting the chancellor of
4 the University of Hawaii at Hilo in establishing an
5 undergraduate degree in science program in applied engineering
6 at the University of Hawaii at Hilo. The advisory committee
7 shall be composed of members to be appointed by the chancellor
8 and shall represent a cross section of the business, academic,
9 and governmental communities, including the department of
10 business, economic development, and tourism, with expertise in
11 engineering, science, and technology.

12 The chancellor shall submit progress reports including
13 findings and recommendations to the legislature not later than
14 twenty days before the convening of the regular sessions of 2010
15 and 2011.

16 SECTION 4. There is appropriated out of the general
17 revenues of the State of Hawaii the sum of \$200,000 or so much
18 thereof as may be necessary for fiscal year 2009-2010 for the
19 expenses of the advisory committee established under section 3
20 of this Act.

21 SECTION 5. There is appropriated out of the general
22 revenues of the State of Hawaii the sum of \$300,000 or so much



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1 thereof as may be necessary for fiscal year 2010-2011 for two
 2 new engineering faculty positions at the University of Hawaii at
 3 Hilo tasked with implementing the new undergraduate degree
 4 program; provided that the persons hired to fill those positions
 5 should have a background in systems, mechanical, cyber-
 6 engineering, or electrical engineering.

7 The sums appropriated shall be expended by the University
 8 of Hawaii for the purposes of this Act.

9 SECTION 6. New statutory material is underscored.

10 SECTION 7. This Act shall take effect on July 1, 2009.

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Report Title:

University of Hawaii; Appropriation

Description:

Establishes an undergraduate degree program in applied engineering at the University of Hawaii at Hilo. Creates a special advisory committee. Appropriates funds for the committee and two faculty positions.

