

STAND. COM. REP. NO.

1389

Honolulu, Hawaii

APR 17 2009

RE: S.R. No. 105  
S.D. 1

Honorable Colleen Hanabusa  
President of the Senate  
Twenty-Fifth State Legislature  
Regular Session of 2009  
State of Hawaii

Madam:

Your Committee on Higher Education, to which was referred  
S.R. No. 105 entitled:

"SENATE 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,"

begs leave to report as follows:

The purpose of this measure is to request the University of  
Hawaii System to:

- (1) In consultation with the Council of Chief Academic  
Officers, develop a comprehensive approach to the  
teaching of engineering at University campuses  
statewide; and
- (2) Submit its findings and recommendations, including any  
budgetary requests and proposed legislation, to the 2010  
Legislature.

Testimony in support of this measure was submitted by the  
University of Hawaii System and one individual. Written testimony  
presented to the Committee may be reviewed on the Legislature's  
website.

Your Committee finds that the University of Hawaii System  
Vice President for Academic Planning and Policy has convened a  
system wide engineering group for a comprehensive review of the

2009-2039 SR SSCR SMA.doc



teaching of engineering statewide to address the workforce needs of the State and the efficient and effective use of University resources. Your Committee understands that the University of Hawaii Board of Regents policies require Board approval for the establishment of all instructional and research programs, after review at the campus and system levels and upon recommendation of the President.

Your Committee further finds that the review process will consider many of the questions posed in this measure, including State workforce and education needs; cost of new program development and implementation; ongoing costs; and the institution's ability to sustain the program financially and with appropriate academic quality.

Your Committee has amended this measure to incorporate recommendations by the parties involved, by:

- (1) Amending the title to read: REQUESTING THE UNIVERSITY OF HAWAII SYSTEM TO DEVELOP A COMPREHENSIVE APPROACH TO THE TEACHING AND TRAINING OF ENGINEERING AT UNIVERSITY CAMPUSES STATEWIDE;
- (2) Adding a Whereas clause regarding support for science, technology, engineering, and mathematics (STEM) research, educational, and training programs on Neighbor Islands;
- (3) Adding to the entities to be consulted, and to those receiving certified copies of the Concurrent Resolution, the University of Hawaii System Vice President for Research, University of Hawaii System Vice President for Academic Planning and Policy, University of Hawaii at Manoa Vice Chancellor for Research, and University of Hawaii at Hilo Vice Chancellor for Research; and
- (4) Adding to the list of considerations, the provision of adequate and accessible engineering education and facilities designed to meet the opportunities and needs of Neighbor Island communities; and an evaluation of the current proposals by the University of Hawaii at Hilo to establish an applied-oriented undergraduate Bachelor of Science degree engineering program.



As affirmed by the record of votes of the members of your Committee on Higher Education that is attached to this report, your Committee concurs with the intent and purpose of S.R. No. 105, as amended herein, and recommends its adoption in the form attached hereto as S.R. No. 105, S.D. 1.

Respectfully submitted on  
behalf of the members of the  
Committee on Higher Education,



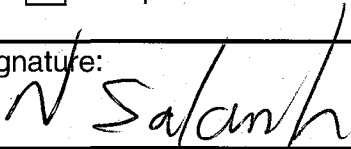
---

JILL TOKUDA, Chair



The Senate  
Twenty-Fifth Legislature  
State of Hawaii

**Record of Votes**  
**Committee on Higher Education**  
**HRE**

|  |                     |                 |                     |         |
|--|---------------------|-----------------|---------------------|---------|
| Bill / Resolution No.:*  | Committee Referral: | Date:           |                     |         |
| SR105  | HRE                 | 4/7/09          |                     |         |
| <input type="checkbox"/> The committee is reconsidering its previous decision on this measure.<br>If so, then the previous decision was to: _____                                      |                     |                 |                     |         |
| The Recommendation is:   |                     |                 |                     |         |
| <input type="checkbox"/> Pass, unamended 2312 <input checked="" type="checkbox"/> Pass, with amendments 2311 <input type="checkbox"/> Hold 2310 <input type="checkbox"/> Recommit 2313 |                     |                 |                     |         |
| Members  | Aye                 | Aye (WR)        | Nay                 | Excused |
| TOKUDA, Jill N. (C)  | ✓                   |                 |                     |         |
| SAKAMOTO, Norman (VC)  | ✓                   |                 |                     |         |
| BAKER, Rosalyn H.  |                     |                 |                     | ✓       |
| KOKUBUN, Russell S.  | ✓                   |                 |                     |         |
| TAKAMINE, Dwight Y.  |                     |                 |                     | ✓       |
| TANIGUCHI, Brian T.  |                     |                 |                     | ✓       |
| SLOM, Sam  | ✓                   |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
|  |                     |                 |                     |         |
| <b>TOTAL</b>   | 4                   | -               | -                   | 3       |
| Recommendation:  |                     |                 |                     |         |
| <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted   |                     |                 |                     |         |
| Chair's or Designee's Signature:   |                     |                 |                     |         |
|   |                     |                 |                     |         |
| <b>Distribution:</b>   |                     |                 |                     |         |
| Original   | Yellow              | Pink            | Goldenrod           |         |
| File with Committee Report   | Clerk's Office      | Drafting Agency | Committee File Copy |         |

\*Only one measure per Record of Votes