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PRESIDENT'S OFFICE

VICE PRESIDENT FOR PLANNING AND POLICY

June 30, 2000

MEMORANDUM

TO: Mr. Donald C. W. Kim
Chairperson, Board of Regents

VIA: Kenneth P. Mortimer *Kenneth P. Mortimer*
President, University of Hawai'i
Chancellor, University of Hawai'i

FROM: Colleen O. Sathre *Colleen O. Sathre*
Vice President for Planning and Policy
Chair, System Academic Affairs Council

**SUBJECT: INFORMATION ITEM:
ACADEMIC PROGRAM ACTION STATUS REPORT, 1999-2000**

I am pleased to transmit for the Board's information the enclosed report on the status of academic program actions at all campuses of the University of Hawai'i system. This report was prepared with the assistance of the System Academic Affairs Council. It covers the period July 1, 1999 through June 30, 2000. In a few cases, actions taken in prior years but not previously reported are included.

This report documents major academic program actions including reviews of instructional programs system-wide; these reviews are required by Board and executive policies. They are also responsive to the instructional reviews called for in Act 161.

As a brief executive summary, the administration reports that, for the past year, the Board of Regents approved 4 new academic programs; moved 7 programs from provisional to established status; terminated 6 academic programs; approved consolidation of departments to form 1 new school, and approved consolidation of 11 departments to 6. The University administration approved 8 new certificates within existing academic programs and 3 authorizations to plan new academic programs; stopped out admissions to 1 provisional and 2 established programs; and approved name changes to bring 5 programs, credentials or departments into conformance with current terminology. In addition, 100 other academic programs underwent routine review by administration and have been continued. For Board members interested in the names and dates of these actions, a more detailed executive summary (pp. i-vi) is available. The full report, which is lengthy but required by policy and necessary for the record, will accompany this memo and be available in the Board of Regents' office.

Campus executives and I will be pleased to respond to questions at the Board's convenience.

Enclosure

c: Board Secretary Iha University Executive Council System Academic Affairs Council

UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
1999 - 2000

Compiled by

System Academic Affairs Council
June 2000

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**UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS, 1999-2000
EXECUTIVE SUMMARY
JUNE 2000**

INTRODUCTION

University of Hawai'i Board of Regents and executive policies provide for the establishment and review of academic programs at all campuses of the University of Hawai'i System. This report provides information on the current status of new and provisional programs and the review of established programs at the UH Community Colleges, UH Hilo, UH Mānoa, and UH-West O'ahu. Reviews conducted in other areas, such as student services, research, etc., are handled separately. Act 161 (HRS §304-4.5) calls for the periodic review of programs at each campus to determine whether the programs are operating for the purposes originally established and are consistent with the benchmarks adopted by the Board of Regents.

The overall purpose of program review is to assess the extent to which academic programs are meeting their stated objectives and whether these objectives are still appropriate to the campus, Unit, and University missions. Highlights of Board of Regents and University actions relating to program reviews are as follows.

NEW PROGRAM AND CERTIFICATE ACTIONS

A. New Academic Programs Approved by the Board of Regents (4)

1. MS and PhD Biomedical Sciences sub-field Cell and Molecular Biology, BOR approved on July 16, 1999, effective Fall 1999
2. Certificate in Substance Abuse and Addiction Studies, UH-West O'ahu, BOR approved September 10, 1999.
3. MEd in Education, College of Arts and Sciences, UH Hilo, BOR approved on February 18, 2000, effective August 1, 2000.
4. Graduate Certificate in Advanced Women's Studies, College of Social Sciences, UH Mānoa, BOR approved on February 18, 2000, effective Fall 2000

B. New Certificate and Authorization to Plan Actions Approved by Campus Administration (11)

1. ASC in Philippine Studies in the AA program at Leeward Community College. SVP/Chancellor for CC approved June 29, 1999, effective June 23, 1999.
2. Undergraduate Certificate in Chinese Language, College of Languages, Linguistics and Literature, UH Mānoa; approved by SVP/EVC October 28, 1999, effective Spring 2000.
3. Undergraduate Certificate in Japanese Language, College of Languages, Linguistics and Literature, UH Mānoa; approved by SVP/EVC October 28, 1999, effective Spring 2000.
4. Undergraduate Certificate in Korean Language, College of Languages, Linguistics and Literature, UH Mānoa; approved by SVP/EVC October 28, 1999, effective Spring 2000.
5. ASC in Environmental Studies in the AA program at Hawai'i Community College. SVP/Chancellor for CC approved March 14, 2000, effective Spring 2000.

6. ASC in Pre-business in the AA program at Leeward Community College. SVP/Chancellor for CC approved March 28, 2000, effective Fall 2000.
7. Authorization to Plan Concentration in Professional Golfers' Association of America Management, College of Arts and Sciences, UH Hilo. Approved by SVP/Chancellor for UHH April 15, 2000.
8. Certificate in Database Management, College of Arts and Sciences, UH Hilo. Approved by SVP/Chancellor for UHH April 28, 2000.
9. Authorization to Plan BS in Electronics Engineering, College of Arts and Sciences, UH Hilo. Approved by SVP/Chancellor for UHH June 2, 2000.
10. Graduate Certificate in Second Language Studies, College of Languages, Linguistics and Literature, UH Mānoa. Approved by SVP/EVC for UHM June 5, 2000.
11. Authorization to Plan Major in Tourism Studies within the BBA Program, College of Arts and Sciences, UH Hilo. Approved by the SVP/Chancellor for UHH June 6, 2000.

PROVISIONAL PROGRAM AND CERTIFICATE ACTIONS

A. Provisional Programs Granted Established Status by the Board of Regents (7)

1. Masters in Public Administration, College of Social Sciences, UH Mānoa. BOR approved November 19, 1999.
2. Graduate Certificate in Ocean Policy, School of Ocean and Earth Science and Technology, UH Mānoa. BOR approved November 19, 1999.
3. Graduate Certificate in Resource Management, College of Social Sciences, UH Mānoa. BOR approved November 19, 1999.
4. B.S. in Botany, College of Natural Sciences, UH Mānoa. BOR approved February 18, 2000.
5. Ph.D. in English, College of Language, Linguistics and Literature, UH Mānoa. BOR approved February 18, 2000.
6. Ph.D. in Second Language Acquisition, College of Language, Linguistics and Literature, UH Mānoa. BOR approved February 18, 2000.
7. B.S. in Zoology, College of Natural Sciences, UH Mānoa. BOR approved February 18, 2000.

B. Provisional Program Stopped Out by Campus Action (1)

1. C.C. in Business Technology, provisional program at Windward C.C.. SVP/Chancellor approved stop out 5/25/2000, effective 7/1/2000.

C. Ongoing Provisional Programs (45): 7 UHCC, 35 UHM, 3 UHWO

Campus	#	Programs
<i>UH-Community Colleges (7)</i>		
•Honolulu Community College	1	AS, Commercial Aviation
•Kapi'olani Community College	2	Advanced CA, Diagnostic Medical Sonography; AS, CA, Travel and Tourism
•Kaua'i Community College	1	AAS, CA, Electronics Technology
•Maui Community College	2	AS, Computing Technology; AS, CA, Electronics Engineering Technology
•Windward Community College	1	CC, Business Technology
<i>UH Mānoa (35)</i>		
•Architecture	1	ArchD
•Arts and Humanities	2	PhD, Music; Graduate Certificate, Religion
•Languages, Linguistics & Literature	1	BA, Korean
•Natural Sciences	3	PhD, Computer Science; BA, Information and Computer Sciences; BS, Microbiology
•Social Sciences	5	BA, Ethnic Studies; Graduate Certificate, International Cultural Studies; Undergraduate Certificate, Peace Studies; Graduate Certificate, Telecommunication and Information Resource Management; Undergraduate Certificate, Women's Studies
•Business Administration	1	PhD, International Management
•Business Administration & Public Health	1	Graduate Certificate, Business for Public Health Students
•Education	3	MS, Kinesiology and Leisure Science; Post-Baccalaureate Certificate, Secondary Education; Post-Baccalaureate Certificate, Special Education
•Engineering	3	PhD, Civil Engineering; Graduate Certificates, Construction Engineering and Management, and Renewal Energy Engineering
•Hawaiian, Asian & Pacific Studies	6	Graduate Certificates, Chinese, Korean, Japanese, Philippine, South Asian & Southeast Asian Studies
•Nursing	1	PhD, Nursing
•Ocean & Earth Science & Technology	2	Graduate Certificate, Maritime Archaeology and History; BS, Global Environmental Science
•Public Health	3	Center on Aging; Graduate Certificate, Gerontology; Undergraduate Certificate, Aging

Campus	#	Programs
•Social Work	1	PhD, Social Welfare
•Travel Industry Management	1	BS, Travel Industry Management
•Tropical Agriculture & Human Resources	1	BS, Tropical Horticulture
<i>UH West O'ahu (3)</i>	3	BA, Specialization in Philosophy; BA, Specialization in Economics; and BA, Specialization in Political Science

ESTABLISHED PROGRAM AND CERTIFICATE ACTIONS

Number of Programs Reviewed in 1999-2000 (117): 95 UHCC, 2 UHH, 20 UHM

A. Changes to Established Programs Approved by the Board of Regents

1. Terminations of established programs (6):
 - a. AAS, CA in Drafting Technology, Leeward Community College. Termination approved July 16, 1999, effective December 1999.
 - b. MS and PhD subfield of Biomedical Sciences: Genetics. Termination approved July 16, 1999, effective Fall 2005.
 - c. MS and PhD subfield of Biomedical Sciences: Anatomy and Reproductive Biology. Termination approved July 16, 1999, effective Fall 2005.
 - d. BBA major in Business Economics and Quantitative Methods. Termination approved October 22, 1999, effective Spring 2000.
 - e. Professional Certificate in Education, College of Arts and Sciences, UH Hilo. Termination approved February 18, 2000, effective Spring 2000.
 - f. AAS in Fire Science, Hawai'i Community College. Termination approved June 16, 2000, effective Fall 2000.

2. Establishment of new school:

Reorganization to establish the School of Communications through consolidation of the departments of Journalism and Communication, College of Social Sciences, UH Mānoa. Approved June 16, 2000.

3. Consolidation of departments.

College of Tropical Agriculture and Human Resources, UH Mānoa, approved 1/21/00:

From Departments of:

 - a. Agriculture and Resource Economics
 - b. Agronomy and Soil Science

- c. Animal Sciences
- d. Biosystems Engineering
- e. Entomology
- f. Environmental Biochemistry
- g. Food Science and Human Nutrition
- h. Horticulture
- i. Human Resources
- j. Plant Molecular Physiology
- k. Plant Pathology

To Departments of:

- a. Family and Consumer Sciences
- b. Human Nutrition, Food, and Animal Science
- c. Molecular Biosciences and Biosystems Engineering
- d. Natural Resources and Environmental Management
- e. Plant and Environmental Protection Sciences;
- f. Tropical Plant and Soil Science.

B. *Changes to Established Programs Approved by Campus Administration*

1. Change in name for programs, credentials, and departments (5)

- a. **From PhD and MS in Ocean Engineering to PhD and MS in Ocean and Resources Engineering, College of Ocean and Earth Science and Technology, UH Mānoa. Approved by SVP/EVC January 12, 2000, effective with students graduating Spring 2000.**
- b. **From Department of English as a Second Language to Department of Second Language Studies, College of Languages, Linguistics and Literature, UH Mānoa. Approved by SVP/EVC January 24, 2000, effective 7/1/00.**
- c. **From Department of Decision Sciences to Department of Information Technology Management, College of Business Administration, UH Mānoa. Approved by SVP/EVC June 14, 2000 effective Fall 2000.**
- d. **From School of Nursing to School of Nursing and Dental Hygiene, University of Hawai'i at Mānoa. Approved by SVP/EVC 5/19/00, effective July 1, 2000.**
- e. **From MA in:**
 - European Languages and Literature (Classics)
 - European Languages and Literature (French)
 - European Languages and Literature (German)
 - European Languages and Literature (Russian)
 - European Languages and Literature (Spanish)

To MA in:

- Languages and Literatures of Europe and the Americas (Classics)
- Languages and Literatures of Europe and the Americas (French)
- Languages and Literatures of Europe and the Americas (German)
- Languages and Literatures of Europe and the Americas (Russian)
- Languages and Literatures of Europe and the Americas (Spanish)

Department of Languages and Literatures of Europe and the Americas, College of

Languages, Linguistics and Literature, UH Mānoa. Approved by SVP/EVC May 19, 2000, effective Fall 2000.

2. Stop out of admissions in established programs (2)
 - a. AAS and CA in Drafting Technology, Engineering Option at Honolulu Community College. SVP/Chancellor approved stop out 6/29/99 effective Fall 1999.
 - b. AAS and CA in Welding and Sheet Metal at Hawai'i Community College. SVP/Chancellor approved stop out 9/10/99 effective Fall 1999.

C. NOTE: Reviews of other Established Programs resulted in program continuation.

**UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
1999-2000**

INTRODUCTION

University of Hawai'i Board of Regents and executive policies provide for the establishment and review of academic programs at all campuses of the University of Hawai'i System. Act 161 (HRS §304-4.5) calls for the periodic review of programs at each campus to determine whether the programs are operating for the purposes originally established and are consistent with the benchmarks adopted by the Board of Regents. This report provides information on the current status of new and provisional programs and the review of established programs at the UH-Community Colleges, UH-Hilo, UH-Mānoa, and UH-West O'ahu in fulfillment of BOR policy, and in partial fulfillment of the requirements of Act 161. Reviews conducted in other areas, such as student services, research, etc., are handled separately.

Program Review Policy

University policy governing academic program approval and review is set forth in four documents.

1. Board of Regents' Bylaws and Policies Section 5-1.a (1), (2), (3), relating to *New Programs and Established Programs*.
2. Executive Policy E5.201, *Approval of New Academic Programs and Review of Provisional Academic Programs*.
3. Executive Policy E5.202, *Review of Established Programs*.
4. Executive Policy E5.205, *Academic Minors and Certificate Credentials*.

The overall purpose of program review is to assess the extent to which academic programs are meeting their stated objectives and whether these objectives are still appropriate to the campus, Unit, and University missions. Highlights of University policy provisions relating to program reviews are as follows:

- New programs are authorized by the Board of Regents and become provisional upon approval.
- A provisional program is reviewed for continuation as an established program after its first cycle. Program continuation involves BOR action. The provisional cycle is the number of years it takes a student to complete the program, but not less than two years. In the year following the provisional cycle, a review is conducted.
- Established programs are reviewed on a five-year cycle at the UH-Community Colleges and a seven-year cycle at UH-Hilo, UH-Mānoa, and UH-West O'ahu.
- Termination of provisional and established programs involves Board of Regents action.
- Senior Vice Presidents and Chancellors/Executive Vice Chancellor are authorized to approve program stopouts—a halt to admissions to the program—for not more than two years.
- Senior Vice Presidents and Chancellors/Executive Vice Chancellor at baccalaureate degree campuses are authorized to recognize academic minors in Board-authorized baccalaureate degree programs.

- Senior Vice Presidents and Chancellors/Executive Vice Chancellor are authorized to approve changes to academic minors in Board-authorized baccalaureate degree programs.
- Senior Vice Presidents and Chancellors/Executive Vice Chancellor are authorized to approve changes to academic program titles to maintain currency in terminology assuming no substantive change in the program or service group. SVP/Chancellors may also approve certificates of completion at the Community Colleges, and at all campuses they may approve subject certificates that recognize work taken within (or among) existing Board-authorized academic programs.

Program Review Process

The University of Hawai'i Community Colleges utilized the Program Health Indicators Model for the review of 95 academic programs in 1999-00. Major sections of the resulting program report provide descriptive information about the development and history of a program, program goals, program faculty and advisory committees, admission and degree requirements, courses offered in the most recent academic year, course enrollments, program performance indicators, including graphic representation of program performance on selected indicators relative to pre-established norms, and finally, an analysis of the program outcomes. Three major clusters of program performance indicators are utilized, reflecting program demand, program efficiency, and program outcomes.

At Hilo, academic program review goes beyond self study. It also includes: (1) a summary appraisal that involves analysis of the strengths and weaknesses of the program, opportunities for program expansion and development, as well as program constraints; (2) action planning; and (3) administrative/departmental agreement on substantive change and resource allocation.

At Mānoa, a representative faculty body, the Council of Program Review (COPR), conducts systematic assessments of established academic programs every seven years. For each review, a self-study report is completed and an hoc review team evaluates the program, the findings and recommendations are presented to the full Council, and an exit interview is held with the dean and the two senior vice presidents to discuss the Council's recommendations and to agree on actions needed to remedy any deficiencies or maintain current quality. One year after the review, departments report to the senior vice presidents via their deans on progress made in implementing the recommendations of the Council. In 1998-99, after suspension for one year due to limited staff resources, the review of self-study reports by COPR was reinstated in the Spring of 1999.

West O'ahu completed review of all its established programs in FY 1997-98. The process of review included: (1) review and revision (as necessary) of program and specialization learning objectives; (2) definition of expected student learning outcomes upon graduation; (3) collection and analysis of data; and (4) reaffirmation and/or modification of curricula and courses to assure cohesiveness of program offerings in line with expected learning outcomes.

UH COMMUNITY COLLEGES
ACADEMIC PROGRAM ACTIONS
1999-2000



**UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
(PROGRAM HEALTH INDICATORS)**

PROCEDURES FOR PROGRAM REVIEW

During the 1992-93 academic year, the University of Hawai'i Community Colleges adopted a new process, the Program Health Indicators Model, for the yearly review of academic programs. The Program Health Indicators Model provides a standard format for the development and conduct of comprehensive program reviews on an annual basis and provides both a description and evaluation of important elements of instructional programs.

The adoption of the Program Health Indicators Model was instigated by several factors, including the need for systematic annual examination of vocational programs (a new requirement of the Carl D. Perkins Vocational and Applied Technology Education Act of 1990), the desire to identify poorly performing programs as early as possible, and the successful use of a pilot version of the model at Kapi'olani Community College.

The Program Health Indicators Model provides a comprehensive, yet succinct, review of the activities of instructional programs, incorporating current year information which is comparable across programs and campuses. Major sections of the resulting program report provide descriptive information about the development and history of a program, program goals, faculty and advisory committee of the program, admission and degree requirements, courses offered in the most recent academic year and course enrollments, program performance indicators, including graphic representations of program performance on selected indicators relative to pre-established norms, and, finally, an analysis of the program outcomes. Three major clusters of program performance indicators are utilized, reflecting program demand, program efficiency, and program outcomes.

The program demand cluster reflects internal demand, as indicated by applicants, majors, and registrations, as well as, in the case of vocational programs, external demand, as indicated by current and projected positions in the occupation and annual new positions in the occupation.

The program efficiency cluster reflects information about the relationship of resources committed to a program and the use of those resources, as indicated by such variables as average class size, cost per student semester hour, the ratio of students to faculty, and other cost and enrollment measures.

The program outcome cluster reflects mainly the outcomes for students in each program. The indicators include retention rate, graduation rate, degrees awarded, and measures of the satisfaction of former students. For vocational programs, licensing and certification (where applicable) rates, measures of satisfaction of employers, and the standards set for postsecondary vocational education programs by the State of Hawai'i are included.

The first step in the analysis of the program outcomes is to examine the graphic representations of the actual performance of the program on each of the indicators with respect to the minimum and satisfactory performance levels. A judgment is made concerning the "health" of the program.

1. If all or most of the indicators are above the satisfactory performance level, the program is in good health and no further review is necessary.
2. If all or most of the indicators are above the minimum performance levels but below the satisfactory performance levels, a plan should be constructed for the improvement of the program on those indicators which do not attain the satisfactory performance level.
3. If all or most of the indicators are below the minimum performance level, an in-depth review of the program shall be undertaken, with a written plan produced by the end of the following Fall semester, outlining the steps to be taken to improve the performance of the program, accompanied by a schedule for implementation of activities or procedures and an indication of the individual(s) responsible for the completion of the plan.

**UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
JUNE 2000**

I. NEW ACADEMIC PROGRAMS (July 1, 1999 through June 30, 2000)

Campus	Program	Degree/ Certificate	BOR Action/ Comments
None			

II. PROVISIONAL PROGRAMS

Campus	Program	Degree/ Certificate	Status	BOR Action/ Comments
Honolulu CC	Commercial Aviation	AS	Review in Fall 2000	
Kapi'olani CC	Diagnostic Medical Sonography	Advanced CA	Under review	
Kapi'olani CC	Travel and Tourism	AS, CA	Review in Fall 2000	
Kaua'i CC	Electronics Technology	AAS, CA	Under review	
Maui CC	Electronics and Computing Engineering Technology: - Computing Engineering Technology	AS	Review in Fall 2000	
Maui CC	Electronics and Computing Engineering Technology: - Electronics Engineering Technology	AS, CA	Review in Fall 2000	
Windward CC	Business Technology	CC	Stopped Out by SVP/ Chancellor 5/25/2000, effective 7/1/2000	

III. REVIEWS OF ESTABLISHED PROGRAMS (July 1, 1999 through June 30, 2000)

UH-Hawai'i CC

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Accounting (AAS)	Continued		
Administration of Justice (AS)	Continued		
Agriculture (AAS, CA)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Carpentry (AAS, CA)	Continued		
Diesel Mechanics (AAS, CA)	Continued		
Drafting and Engineering Aide (AAS)	Continued		
Early Childhood Education (AS, CA)	Established program effective Fall 1999		
Electrical Installation and Maintenance Technology (AAS, CA)	Continued		
Electronics Technology (AAS)	Continued		
Fire Science (AAS)	Recommended for termination Spring 2000	Chancellor approved stop out 5/15/98	BOR approved termination 6/16/00, effective Fall 2000
Food Service (AAS, CA)	Continued		
Information Technology (AS, CA)	Continued		
Liberal Arts (AA)	Environmental Studies ASC approved 3/14/2000 effective Spring 2000		
Marketing (AAS, CA)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Office Administration and Technology (AAS, CA)	Continued		
Welding and Sheet Metal Technology (AAS, CA)		SVP/Chancellor approved 9/10/99 effective Fall 1999	

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Administration of Justice (AAS)	Continued		
Aeronautics Maintenance Technology (AS, CA)	Continued		
Applied Trades (AAS)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Carpentry Technology (AAS, CA)	Continued		
Communication Arts (AS)	Continued		
Computing, Electronics, & Networking Technology (AS)	Continued		
Cosmetology (AAS, CA)	Continued		
Diesel Mechanics Technology (AAS, CA)	Continued		
Drafting Technology (AAS, CA)		Engineering Option stop out approved 6/29/99 by SVP/Chan. effective F. 1999	
Electrical Installation and Maintenance Technology (AAS, CA)	Continued		
Fashion Technology (AAS, CA)	Continued		
Fire and Environmental Emergency Response (AAS, CA)	Continued		
Human Services - Early Childhood Education and Community Services (AAS, CA)	Continued		
Industrial Education (AAS)	Continued		
Marine Technologies: Boat Maintenance & Repair (AAS)	Established by BOR 4/23/99, effective 5/1/99		
Occupational Environmental Safety Management (AS, CA)	Continued		

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Refrigeration and Air Conditioning Technology (AAS, CA)	Continued		
Sheet Metal & Plastics (AAS, CA)	Continued		
Welding Technology (AAS, CA)	Continued		

UH-Kapi'olani CC

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Accounting (AS, CA)	Continued		
Dental Assisting (CC)	Continued		
Emergency Medical Technician (CC)	Continued		
Food Service (AS, CA)	Continued		
Hotel/Restaurant Operations (AS, CA)	Continued		
Information Technology (AS, CA)	Continued		
Marketing (AS, CA)	Continued		
Medical Assisting (AS, CA)	Continued		
Medical Laboratory Technician (AS)	Continued		
Mobile Intensive Care Technician (AS)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Occupational Therapy Assistant (AS)	Continued		
Paralegal (AS)	Continued		
Physical Therapist Assistant (AS)	Continued		
Radiologic Technology (AS)	Continued		
Respiratory Care (AS)	Continued		

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Accounting (AAS, CA)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Carpentry Technology (AAS, CA)	Continued		
Early Childhood Education (AS, CA)	Continued		
Electrical Installation and Maintenance Technology (AAS, CA)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Office Administration and Technology (AAS, CA)	Continued		
Visitor Industry - Culinary Arts (AAS, CA)	Continued		
Visitor Industry - Hotel Operations (AAS, CA)	Continued		

UH-Leeward CC
 PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Accounting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Drafting Technology (AAS, CA)	Terminated		BOR approved 7/16/99; effective Fall/Dec 1999
Food Service (AAS, CA)	Continued		
Information and Computer Science (AS)	Continued		
Liberal Arts (AA)	Philippine Studies ASC approved 6/29/99, effective 6/23/99 Pre-business ASC approved 3/28/00, effective Fall 2000		
Management Mgt (Banking) (CA) Mgt (Credit Union) (CA) Mgt (Sales & Mkt) (AAS)	Continued		
Office Administration and Technology (AAS, CA)	Continued		
Television Production (AS, CA)	Continued		

UH-Maui CC

PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination
Accounting (AAS, CA)	Continued		
Administration of Justice (AAS, CA)	Continued		
Agricultural Careers (AAS, CA)	Continued		
Auto Body Repair and Painting (AAS, CA)	Continued		
Automotive Mechanics Technology (AAS, CA)	Continued		
Building Maintenance (CA)	Continued		
Business Careers (AAS, CA)	Continued		
Carpentry Technology (AAS, CA)	Continued		
Drafting Technology (CA)	Continued		
Fashion Technology (AAS, CA)	Continued		
Food Service (AAS, CA)	Continued		
Hotel Operations (AAS, CA)	Continued		
Human Services (AS, CA)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Office Administration and Technology (AAS, CA)	Continued		
Welding Technology (CA)	Continued		

UH-Windward CC
PROCEDURES USED: Program Health Indicators

Program & Credential	Continuation/Significant Changes (Name changes, consolidations, etc.)	Stopouts	Termination



UH HILO
ACADEMIC PROGRAM ACTIONS
1999-2000

**UNIVERSITY OF HAWAII AT HILO
ACADEMIC PROGRAM REVIEW**

PROCEDURES FOR PROGRAM REVIEW

(Guiding Philosophy and Assumptions)

Academic program review goes beyond self study. Self study involves collection, summarization, and evaluation of data. This information is the basis for a summary appraisal that involves analysis of the strengths of the program, weaknesses of the program, opportunities for the program and its expansion and development, and program constraints. The summary appraisal gives rise to an action agenda. The setting of this agenda involves discussion and negotiations between the departmental unit, the college, and the campus administration. It includes coming to consensus about substantive change as well as resource allocation and reallocation. This approach to program review follows four distinct steps: self study, summary appraisal, action planning, and administration/departmental agreement.

The academic program review process is guided by four major concerns: quality, program demand or need, centrality to University mission, and efficiency. Quality concerns need to be raised about several program components, including curriculum, faculty, students, and resources. The assessment of program demand or need is based upon examination of both internal and external trends. Changing demographic, clientele, economic, and social issues all become a part of this assessment. Obviously, we seek to enhance demand for our academic programs, but at the same time we must be willing to eliminate or reconfigure them to address changing circumstances. Since limited resources are available to grow and maintain programs, questions about program costs and the best use of fiscal and human resources must be one of the foci of academic program review.

In this model, academic program review is seen as a process that is carefully planned and anticipated. From the start, there needs to be a clear idea of how long the process will take and what the various steps are along the way. It is essential to develop a calendar or overview of the process, to set deadlines for each component of the process, to design processes for gathering information and data, and to determine how a consultant or external reviewer or reviewing agency will be selected. This external component is essential because it allows us to see our blind spots as well as opportunities, strengths, and collaborative possibilities that we often do not notice in the day-to-day conduct of activities. The consultative visit can occur simultaneously with our collection and subsequent analysis of survey and other types of empirical data. Based upon all of the above, findings are pulled together into a written plan for action. After discussion and action at the departmental and college levels, the plan is shared with the administration. Change is then implemented as necessary within a wider framework of campus mission and resources. As outlined here, academic program review, particularly in the self Academic Program Review study phase, profits from the input of many constituencies. Current students, alumni, faculty, outside consultants, and other programs in the discipline become important sources of data.

While it is understood that guidelines for academic program review will vary in their relevance and applicability to specific programs, an outline of the review process serves as a guide for the review of academic programs at the University of Hawai'i at Hilo. Individual departments may establish whatever qualitative or quantitative criteria they deem appropriate for use in their evaluation efforts. Data, of course, is important and should provide an accurate basis for discussion and decision making, but qualitative factors are also important. Care should be taken to include both types—quantitative and qualitative indicators.

**UNIVERSITY OF HAWAI'I AT HILO
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
JUNE 2000**

I. NEW ACADEMIC PROGRAMS (July 1, 1999 through June 30, 2000)

Program	Degree/Certificate	Status	BOR Action/ Comments
Education, College of Arts & Sciences	M.Ed.	Provisional	BOR approved 2/18/00; effective 8/01/00
Database Management, College of Arts and Sciences	Certificate	Chancellor approved 4/28/00 (Authorization to Plan approved, 02/25/00)	
Professional Golfers' Association of America Management, College of Arts and Sciences	Concentration	Authorization to Plan, Chancellor approved 4/15/00	
Electronics Engineering, College of Arts and Sciences	BA	Authorization to Plan, Chancellor approved 6/02/00.	
BBA Program, College of Arts and Sciences	Major in Tourism	Authorization to Plan, Chancellor approved 6/06/00	

II. PROVISIONAL PROGRAMS

Program	Degree/Certificate	Status	BOR Action/ Comments
None			

III. REVIEWS OF ESTABLISHED PROGRAMS (July 1, 1999 through June 30, 2000)

Program	Degree/Certificate	Continuation/ Significant Changes	Stopouts/ Termination
Education, College of Arts and Sciences	Professional Certificate		Terminated 2/18/00; effective 8/1/00
Music, College of Arts and Sciences	B.A.	Review in process	

IV. OTHER PROGRAM CHANGES/ACTIONS:

College or School	Program, Credential, Department or Other	Status/Action	Approval/ Comments
College of Arts and Sciences	Hawai'i Charter Schools Resource Center	Establish center	Chancellor approved 3/14/00, effective 3/14/00

UH MĀNOA

**ACADEMIC PROGRAM ACTIONS
1999-2000**

UNIVERSITY OF HAWAII AT MĀNOA
REVIEWS OF ESTABLISHED PROGRAMS
(July 1, 1999-June 30, 2000)

PROCEDURES FOR PROGRAM REVIEW

Mānoa's academic program review process enables a campus Council on Program Reviews (COPR) to conduct systematic assessments of established academic programs every seven years. These reviews identify strengths and weaknesses and ensure quality control of staffing and resources for programs within campus criteria and external accreditation standards.

For each review, a self-study report is completed following established guidelines set forth by Executive Policy E5.202, "Review of Established Programs." A review team composed of three faculty is jointly appointed by the Senior Vice President and Executive Vice Chancellor and by the Senior Vice President for Research and Dean of the Graduate Division. This team evaluates the self-study report and embarks on a review covering undergraduate and graduate degree programs, faculty research and service activities, departmental governance, climate and relationship with other campus units, faculty credentials and workload, and student activities.

A report on the team's findings and recommendations is then presented to the full Council with the department chair and dean present to answer questions or clarify issues. An exit interview is held with the dean and the two senior vice presidents to discuss the Council's recommendations and agree on actions needed to remedy any deficiencies or maintain current quality. These reviews and recommendations customarily have formed the basis for administrative decisions that ensure sufficient support for valued activities and redirection of effort and resources where required. One year after the review, departments report to the senior vice presidents via their deans on progress made in implementing the recommendations of the Council.

**UNIVERSITY OF HAWAII AT MĀNOA
ACADEMIC PROGRAM ACTIONS
JUNE 2000**

I. NEW ACADEMIC PROGRAMS (July 1, 1999 through June 30, 2000)

College or School	Program and Credential	Status	BOR Action/ Comments
Languages, Linguistics, and Literature	Chinese Language, Japanese Language, and Korean Language, undergraduate certificate	SVP/EVC approval 10/28/99; effective Spring 2000	
Languages, Linguistics, and Literature	Second Language Studies, Graduate Certificate	SVP/EVC approval 6/5/00, effective Fall 2000	
Social Sciences	Advanced Women's Studies, graduate certificate	New Degree Program	BOR approved 2/18/00; effective Fall 2000
Medicine	Biomedical Sciences MS and PhD, sub-field: Cell and Molecular Biology	New sub-field specialization	Approved 7/16/99, effective Fall 1999

II. PROVISIONAL PROGRAMS

College or School	Program and Credential	Status	BOR Action/ Comments
Architecture	ArchD	Provisional status to Fall 2005	
Arts and Humanities	Music, PhD	Provisional status to Fall 1997	
Arts and Humanities	Religion, graduate certificate	Provisional status to Spring 1996; undergoing review 1999-2000	
Languages, Linguistics and Literature	English, PhD		2/18/00 approved established status
Languages, Linguistics and Literature	Korean, BA	Provisional status to Spring 1999; undergoing review 1999-2000	
Languages, Linguistics and Literature	Second Language Acquisition, PhD		2/18/00 approved established status
Natural Sciences	Botany, BS		2/18/00 approved established status
Natural Sciences	Computer Science, PhD	Provisional status to Fall 2002	

College or School	Program and Credential	Status	BOR Action/ Comments
Natural Sciences	Information and Computer Sciences, BA	Provisional status to Fall 2002	
Natural Sciences	Microbiology, BS	Provisional status extended to Spring 1995; undergoing review 1999-2000	
Natural Sciences	Zoology, BS		2/18/00 approved established status
Social Sciences	Ethnic Studies, BA	Provisional status to Spring 1999; undergoing review 1999-2000	
Social Sciences, et al.	International Cultural Studies, graduate certificate	Provisional status to Fall 2001	
Social Sciences	Peace Studies, undergraduate certificate	Provisional status to Fall 1992	
Social Sciences	Public Administration, MPA		11/19/99 approved established status
Social Sciences	Resource Management, graduate certificate		11/19/99 approved established status
Social Sciences	Telecommunication and Information Resource Management, graduate certificate	Provisional status to Spring 1996	
Social Sciences	Women's Studies, undergraduate certificate	Provisional status to Spring 1994; undergoing review 1999-2000	
Business Administration	International Management, PhD	Provisional status to Fall 2002	
Business Administration, School of Public Health	Business Certificate for Public Health students	Provisional status extended to Fall 1993	
Education	Kinesiology and Leisure Science, MS	Provisional status to Fall 2001	
Education	Post-Baccalaureate Certificate in Special Education	Provisional status to Fall 2001	
Education	Post-Baccalaureate Certificate in Secondary Education	Provisional status to Fall 1997	

College or School	Program and Credential	Status	BOR Action/ Comments
Engineering	Civil Engineering, PhD	Provisional status to Fall 1997; undergoing review 1999-2000	
Engineering	Construction Engineering and Management, graduate certificate	Provisional status to Spring 1997; undergoing review 1999-2000	
Hawaiian, Asian and Pacific Studies	Chinese, Japanese, Korean, Philippine, South Asian and Southeast Asian Studies, graduate certificates	Provisional status to Spring 1999; undergoing review 1999-2000	
Nursing	Nursing, PhD	Provisional status to Fall 2003	
Ocean and Earth Science and Technology	Global Environmental Science, BS	Provisional status to Fall 2002	
Ocean and Earth Science and Technology	Maritime Archaeology and History, graduate certificate	Provisional status to Fall 1999	
Ocean and Earth Science and Technology	Ocean Policy, graduate certificate		11/19/99 approved established status
Public Health	Center on Aging	Provisional status; undergoing review 1999-2000	
Public Health	Aging, undergraduate certificate	Provisional status to Fall 1989; undergoing review 1999-2000	
Public Health	Gerontology, graduate certificate	Provisional status to Spring 1991; undergoing review 1999-2000	
Social Work	Social Welfare, PhD	Provisional status to Fall 1996; undergoing review 1999-2000	
Travel Industry Management	Travel Industry Management, BS	Provisional status to Fall 1995	
Tropical Agriculture and Human Resources	Tropical Horticulture, BS	Provisional status to Fall 1995	

III. REVIEWS OF ESTABLISHED PROGRAMS

Reviews of self-study reports were conducted by the Council on Program Reviews through the 1999-2000 academic year. There were 23 programs undergoing such review. An additional 18 programs are being asked to conduct self-studies for the 2000-2001 academic year. The following actions involving established programs took place during 1999-2000.

College or School	Program and Credential	Continuation/ Significant Changes	Stopouts/ Termination
Social Sciences	Anthropology, BA, MA, and PhD	Undergoing review 1999-2000	
Social Sciences	Communication, BA and MA	Undergoing review 1999-2000	
Social Sciences	Economics, BA, MA, and PhD	Undergoing review 1999-2000	
Social Sciences	Geography, BA, MA, and PhD	Undergoing review 1999-2000	
Social Sciences	Journalism, BA	Undergoing review 1999-2000	
Social Sciences	Political Science, BA, MA, and PhD	Undergoing review 1999-2000	
Social Sciences	Psychology, BA, MA, and PhD	Undergoing review 1999-2000	
Social Sciences	Sociology, BA, MA, and PhD	Undergoing review 1999-2000	
Business Administration	Business Economics and Quantitative Methods Major		Termination by BOR 10/22/99, effective Spring 2000
Hawaiian, Asian and Pacific Studies	Asian Studies, BA and MA	Undergoing review 1999-2000	
Hawaiian, Asian and Pacific Studies	Hawaiian Studies, BA	Undergoing review 1999-2000	
Hawaiian, Asian and Pacific Studies	Pacific Islands Studies, MA	Undergoing review 1999-2000	
Medicine	Biomedical Sciences MS and PhD		Sub-fields of Genetics and Anatomy and Reproductive Biology terminated by BOR, 7/16/99, effective 2005
Social Work	BSW, MSW	Undergoing review 1999-2000	

IV. OTHER PROGRAM CHANGES/ACTIONS

College or School	Program, Credential, Department or Other	Status/Action	Approval/ Comments
Business Administration	Department of Decision Science	Name change to: Department of Information Technology Management	UHM/SVP/EVC approved 6/14/00, effective Fall 2000.
Languages, Linguistics and Literature	Department of English as a Second Language	Name change to: Department of Second Language Studies	UHM SVP/EVC approved 1/24/00, effective 7/1/00.
Languages, Linguistics and Literature	European Languages and Literature, MA	Name change to: Languages and Literatures of Europe and the Americas, MA	UHM SVP/EVC approved 5/19/00, effective Fall 2000.
Nursing		Name change of school to: School of Nursing and Dental Hygiene	UHM SVP/EVC approved 5/19/00, effective 7/01/00.
Ocean and Earth Science and Technology	Ocean Engineering MS and PhD	Name change to: Ocean and Resources Engineering, MS and PhD	UHM SVP/EVC approved 1/12/00, effective with students graduating Spring 2000.
Tropical Agriculture and Human Resources	Departments of: Agriculture & Resource Economics; Agronomy & Soil Science; Animal Sciences; Biosystems Engineering; Entomology; Environmental Biochemistry; Food Science & Human Nutrition; Horticulture; Human Resources; Plant Molecular Physiology; Plant Pathology	Abolish 11 departments.	BOR approved 1/21/00.
Tropical Agriculture and Human Resources	Departments of: Family & Consumer Sciences; Human Nutrition, Food, & Animal Sciences; Molecular Biosciences & Biosystems Engineering; Natural Resources & Environmental Management; Plant & Environmental Protection Sciences; Tropical Plant & Soil Science	Establish six consolidated departments	BOR approved 1/21/00.

College or School	Program, Credential, Department or Other	Status/Action	Approval/ Comments
Social Sciences	Departments of Journalism and Communication	Consolidation of departments to form a new School of Communications	BOR approved 6/16/00.

UH-WEST O'AHU

**ACADEMIC PROGRAM ACTIONS
1999-2000**

UNIVERSITY OF HAWAI'I-WEST O'AHU
ACADEMIC PROGRAM ACTIONS
1999-2000

PROCEDURES AND BACKGROUND FOR PROGRAM REVIEW

The academic programs at the University of Hawai'i-West O'ahu have developed over the years as an educational alternative to other UH baccalaureate campuses. The emphasis has been on a strong interdisciplinary educational experience through pursuit of study in a broad area of concentration such as the Humanities, Social Sciences, or Professional Studies rather than limiting program emphasis to a single discipline. Within this area of concentration context, students are also required to develop competencies in multiple related academic areas of study.

The program review process focuses on:

- Review and revision of program and specialization learning objectives;
- Defining expected student learning outcomes upon graduation;
- Collection and analysis of data as prescribed in Executive Policies E5.201, Approval of New Academic Programs and Review of Provisional Academic Programs, and E5.202, Review of Established Programs; and
- Reaffirmation and/or modification of curricula and courses offered to assure cohesiveness of program offerings in line with expected learning outcomes.

In FY 1997-98, the University of Hawai'i-West O'ahu reviewed its established programs. The purpose of the review was to assess the effectiveness and cohesiveness of its academic programs. As a small, liberal arts institution serving undergraduate students, UH-West O'ahu's process for the review of academic programs involved all faculty and administrators. As a result of those program reviews, the institution forwarded a proposal for the *Modification of the UH-West O'ahu Degree Credentials* to the Board of Regents for action in July 1998. The information below summarizes actions taken in response to this proposal.

**UNIVERSITY OF HAWAI'I-WEST O'AHU
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
JUNE 2000**

I. NEW ACADEMIC PROGRAMS (July 1, 1999 through June 30, 2000)

Program	Degree/Certificate	Status	BOR Action/ Comments
Social Sciences	Substance Abuse & Addiction Studies, certificate		BOR approval 9/10/99

II. PROVISIONAL PROGRAMS (July 1, 1999 through June 30, 2000)

Program	Degree/Certificate	Status	BOR Action/ Comments
Humanities	Bachelor of Arts Specialization in Philosophy	BOR approved specialization 7/17/98 subject to a provisional review in spring 2001.	
Social Sciences	Bachelor of Arts Specialization in Economics	BOR approved specialization 7/17/98 subject to a provisional review in spring 2001.	
Social Sciences	Bachelor of Arts Specialization in Political Science	BOR approved specialization 7/17/98 subject to a provisional review in spring 2001.	

III. REVIEWS OF ESTABLISHED PROGRAMS (July 1, 1999 through June 30, 2000)

No established programs were due for review during this academic year.

ATTACHMENTS

LISTING OF ABBREVIATIONS

CA	Certificate of Achievement
CC	Certificate of Completion
AA	Associate in Arts
AAS	Associate in Applied Science
ASC	Academic Subject Certificate
AS	Associate in Science
BA	Bachelor of Arts
BS	Bachelor of Science
MA	Master of Arts
MEd	Master of Education
MS	Master of Science
MSW	Master of Social Work
PhD	Doctor of Philosophy
EdD	Doctor of Education

MASTER LIST OF CURRICULA OFFERED

UNIVERSITY OF HAWAI'I

FALL 1999

Institutional Research Office

University of Hawai'i

November 1999

File Reference: Management and Planning Support Folder, Curriculum

Reports now available online at: <http://www.hawaii.edu/iro/maps.htm>

This report contains the University of Hawai'i official list of degree/certificate credentials offered. It is updated on an annual basis to reflect Board of Regents' actions and actions of the President and Senior Vice Presidents which are carried out in accordance with authorized delegations.

TABLE 1
DEGREES OFFERED
UNIVERSITY OF HAWAII AT MANOA
FALL 1999

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
TOTAL	88	88	58	6
Colleges of Arts and Sciences	50	42	26	
American Studies	BA	MA	PhD	
Anthropology	BA	MA	PhD	
Art	BA, BFA	MA, MFA		
Astronomy		MS	PhD	
Biology	BA, BS			
Botanical Sciences (Botany)		MS	PhD	
Botany	BA, BS			
Chemistry	BA, BS	MS	PhD	
Chinese	BA			
Classics	BA			
Communication	BA	MA		
Communication & Information Sciences b /			PhD	
Computer Science	BS		PhD	
Dance	BA	MA, MFA		
Dance Theatre	BFA			
East Asian Languages & Lit (Chinese)		MA	PhD	
East Asian Languages & Lit (Japanese)		MA	PhD	
East Asian Languages & Lit (Korean)		MA	PhD	
Economics	BA	MA	PhD	
English	BA	MA	PhD	
English as a Second Language		MA		
Ethnic Studies	BA			
European Language & Lit (Classics)		MA		
European Language & Lit (French)		MA		
European Language & Lit (German)		MA		
European Language & Lit (Russian)		MA		
European Language & Lit (Spanish)		MA		
French	BA			
Geography	BA	MA	PhD	
German	BA			
Hawaiian	BA			
History	BA	MA	PhD	
Information and Computer Sciences	BA	MS		
Japanese	BA			
Journalism	BA			
Korean	BA			
Liberal Studies c /	BA			
Liberal Studies (Ethnic Studies)	BA			
Liberal Studies (Women's Studies)	BA			
Library and Information Science		MLISC		
Linguistics		MA	PhD	
Mathematics	BA, BS	MA	PhD	
Microbiology	BA, BS	MS	PhD	
Music	BA, BMus	MA, MMus	PhD	
Philosophy	BA	MA	PhD	
Physics	BA, BS	MS	PhD	
Political Science	BA	MA	PhD	
Psychology	BA	MA	PhD	
Public Administration		MPA		
Religion	BA			
Religion (Asian)		MA		

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
Russian Second Language Acquisition	BA		PhD	
Sociology	BA	MA	PhD	
Spanish	BA			
Speech	BA	MA		
Theatre d /	BA	MA, MFA	PhD	
Urban and Regional Planning		MURP		
Zoology	BA, BS	MS	PhD	
School of Hawaiian, Asian & Pacific Studies.....	2	2		
Asian Studies	BA	MA		
Hawaiian Studies	BA			
Pacific Island Studies		MA		
School of Ocean and Earth Science and Technology.....	4	4	4	
Geology	BA			
Geology and Geophysics	BS	MS	PhD	
Global Environmental Science	BS			
Meteorology	BS	MS	PhD	
Ocean Engineering		MS	PhD	
Oceanography		MS	PhD	
College of Business Administration	9	1	1	
Business Administration		MBA		
Business Economics & Quant Meth	BBA		(PhD)	
Communication & Information Sciences b /				
Finance	BBA			
General Business	BBA			
Human Resource Management	BBA			
International Business	BBA			
International Management			PhD	
Management	BBA			
Management Information Systems	BBA			
Marketing	BBA			
Real Estate	BBA			
School of Accountancy	1	1		
Accounting	BBA	MAcc		
School of Travel Industry Management	1	1		
Travel Industry Management e /	BS	MS		
College of Education	3	10	4	3

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
Counseling & Guidance		MEd		
Education (Curriculum & Instruction)			PhD	
Education (Educational Administration)			PhD	
Education (Educational Foundations)			PhD	
Education (Teaching)		MEdT		
Educational Administration		MEd		
Educational Technology		MEd		
Educational Foundations		MEd		
Educational Psychology		MEd	PhD	
Elementary Education	BEd	MEd		PDE
Kinesiology and Leisure Science //.....	BS	MS		
(Athletic Training).....				
(Health / Exercise Science).....				
(Physical Education).....				
(Recreation & Leisure Science).....				
Secondary Education	BEd	MEd		PDE
Special Education g /		MEd		PDE
College of Engineering	3	3	3	
Civil Engineering	BS	MS	PhD	
Electrical Engineering	BS	MS	PhD	
Mechanical Engineering	BS	MS	PhD	
College of Tropical Agriculture and Human Resources.....	10	10	6	
Agricultural & Resource Economics	BS	MS	PhD	
Agronomy & Soil Science	BS	MS	PhD	
Animal Science	BS	MS		
Biosystems Engineering	BS	MS		
Botanical Sciences (Plant Pathology)		MS	PhD	
Botanical Sciences (Plant Molecular Physiology)		MS	PhD	
Entomology	BS	MS	PhD	
Family Resources	BS			
Fashion Design & Merchandising	BS			
Food Science & Human Nutrition	BS			
Food Science		MS		
General Agriculture	BS			
Horticulture		MS	PhD	
Nutritional Sciences		MS		
Tropical Horticulture	BS			
School of Architecture			1	
Architecture h /			ArchD	
School of Law				1
Law				JD
School of Medicine	2	10	10	2

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
Biomedical Sciences		MS	PhD	
Biomedical Sciences (Biochemistry) i /		MS	PhD	
Biomedical Sciences (Biophysics) i /		MS	PhD	
Biomedical Sciences (Biostatistics & Epidemiology) i, j /			PhD	
Biomedical Sciences (Cell and Molecular Biology) k /		MS	PhD	
Biomedical Sciences (Genetics) k /		MS	PhD	
Biomedical Sciences (Pharmacology) i /		MS	PhD	
Biomedical Sciences (Physiology)		MS	PhD	
Biomedical Sciences (Anatomy and Reproductive Biology) k /		MS	PhD	
Biomedical Sciences (Tropical Medicine)		MS	PhD	
Community Health Medicine & Surgery				Diploma
Medical Technology	BS			MD
Medicine				
Speech Pathology & Audiology	BS	MS		
School of Nursing	2	1	1	
Dental Hygiene	BS			
Nursing	BS	MS	PhD	
School of Public Health		2	1	
Biomedical Sciences (Biostatistics & Epidemiology) i, j /			(PhD)	
Public Health i /		MS, MPH	DrPH	
School of Social Work	1	1	1	
Social Work	BSW	MSW		
Social Welfare			PhD	

a / UHM offers graduate specializations in 1) Cell, Molecular and Neuro Sciences; 2) Ecology, Evolution and Conservation Biology; and 3) Marine Biology in conjunction with graduate degrees offered by the College of Arts & Sciences, the School of Ocean and Earth Science Technology, the College of Tropical Agriculture and Human Resources, and the School of Medicine.

b / Joint program including the College of Arts & Sciences, and the College of Business.

c / Program permits individualized major equivalents.

d / Name change from Drama and Theatre to Theatre, Spring 1999.

e / Name change from MPS in Tim to MS in TIM, Spring 1999.

f / MS in Kinesiology and Leisure Science added effective Fall 1999.

g / Bachelor's of Education in Special Education deleted in Fall 1999. Professional Diplomas in Education and Masters of Education degrees in Special Education are offered at both the elementary and secondary education levels.

h / New professional doctoral ArchD program in Architecture replaces BArch and MArch, Fall 1999.

i / Stopout effective Fall 1999 through Spring 2001 for graduate programs in Biochemistry, Biophysics, Biostatistics & Epidemiology and Pharmacology; and for DrPH program in Public Health.

j / Joint program of the School of Public Health and the School of Medicine.

k / Cell and Molecular Biology (MS and PhD) sub-field added effective Fall 1999; replaces Genetics and Anatomy & Reproductive Biology which will be deleted in AY2005.

**TABLE 2
CERTIFICATES OFFERED
UNIVERSITY OF HAWAI'I AT MANOA
FALL 1999**

COLLEGE / SCHOOL AND PROGRAM	UNDERGRADUATE	GRADUATE
TOTAL	17	28
Colleges of Arts and Sciences	15	11
Advanced Library Information Studies		Cert.
Aging a /	Cert.	
Clinical Psychology		Cert.
Environmental Studies	Cert.	
Ethnic Studies	Cert.	
European Languages.....		
Classics	Cert.	
French	Cert.	
German	Cert.	
Russian	Cert.	
Spanish	Cert.	
Historic Preservation		Cert.
Indo-Pacific Languages	Cert.	
Interpretation and Translation	Cert.	
International Cultural Studies b/.....		Cert.
Music	Cert.	
Peace Studies	Cert.	
Planning Studies		Cert.
Population Studies		Cert.
Public Administration		Cert.
Religion		Cert.
Resource Management c /		Cert.
Russian Area Studies	Cert.	
Sophomore Honors	Cert.	
Telecom & Info Resource Mgt.....		Cert.
Urban and Regional Planning		Cert.
Women's Studies	Cert.	
School of Hawaiian, Asian and Pacific Studies.....		8
Asian Studies		Cert.
Chinese Studies		Cert.
Japanese Studies		Cert.
Korean Studies		Cert.
Pacific Island Studies		Cert.
Philippine Island Studies		Cert.
South Asian Studies		Cert.
Southeast Asian Studies		Cert.
School of Ocean and Earth Science Technology.....	1	2
Marine Option	Cert.	
Maritime Archaeology & History		Cert.
Ocean Policy		Cert.
College of Education		2

TABLE 2 (cont.)

COLLEGE / SCHOOL AND PROGRAM	UNDERGRADUATE	GRADUATE
Post Baccalaureate Certificate in Secondary Education		Cert.
Post Baccalaureate Certificate in Special Education d/.....		Cert.
College of Engineering		2
Construction Engineering & Management		Cert.
Renewable Energy Engineering		Cert.
School of Medicine	1	
Medical Technology Professional Intern	Cert.	
School of Nursing		1
Nursing		Cert.
School of Public Health		2
Gerontology		Cert.
Public Health		Cert.

a / Program administered by the Center on Aging.

b / UH and EWC joint program.

c / Cooperative program including the College of Arts & Sciences, the College of Tropical Agriculture & Human Resources, and the East-West Center.

d / Certificate in Special Education added Fall 1999.

TABLE 3
DEGREES, SUBJECT CERTIFICATES & CERTIFICATES OF ACHIEVEMENT OFFERED
UNIVERSITY OF HAWAII AT HILO
FALL 1999

COLLEGE AND PROGRAM	EDUCATIONAL OBJECTIVE		
	Bachelor's Degree	Master's Degree	Other
TOTAL.....	29	1	16
College of Agriculture, Forestry and Natural Resource Mgmt	1		1
Agriculture	BS		
Tropical Forestry			Cert.
College of Arts and Sciences	27		12
School of Business			
Business Administration	BBA		
Economics	BA		
Humanities Division			
Art	BA		
English	BA		
Japanese Studies	BA		
Music	BA		
Philosophy	BA		
Communication	BA		
Natural Sciences Division			
Astronomy	BS		Cert.
Biology	BA, BS		
Chemistry	BA		
Computer Science	BS		
Geology	BS		
Marine Option Program a /			Cert.
Marine Science.....	BA		
Mathematics	BA		
Natural Science.....	BA		Cert.
Nursing.....	BS		
Physics	BA		
Systems Modeling			Cert.
Social Sciences Division			
Anthropology	BA		
Environmental Science			Cert.
Geography	BA		
History	BA		
International Studies			Cert.
Pacific Islands Studies			Cert.
Political Science	BA		
Environmental Policy & Political Economy			Cert.
Planning			Cert.
Public Admin & Public Service			Cert.
Psychology	BA		
Sociology	BA		
Teacher Education Program			Cert.
Teacher Education, Fifth Year			Cert.
Interdisciplinary Majors.....			
Liberal Studies	BA		
Linguistics	BA		

TABLE 3 (cont.)

COLLEGE AND PROGRAM	EDUCATIONAL OBJECTIVE		
	Bachelor's Degree	Master's Degree	Other
Haka 'Ula O Ke'elikolani b/.....	1	1	3
Basic Hawaiian Culture	BA	MA	Cert.
Hawaiian Language			Cert.
Hawaiian Language and Literature.....			
Hawaiian Medium Professional Teaching Certificate c/.....			Cert.
Hawaiian Studies			

a / Certificate coordinated through UH Manoa.

b / Name change from Hawaiian Language College in Spring 1999.

c / Hawaiian Medium Certificate added in Spring 1999.

**TABLE 4
DEGREES OFFERED
UNIVERSITY OF HAWAII - WEST O'AHU
FALL 1999**

CONCENTRATION / EDUCATIONAL OBJECTIVE	BACHELOR'S DEGREE
TOTAL	4
Humanities (specializations in Literature, Hawaiian-Pacific Studies, History, Philosophy)	BA
Business Administration (specializations in Accounting and General Business Administration)	BA
Public Administration (specializations in Justice Administration and General Public Administration)	BA
Social Sciences (specializations in Anthropology, Economics, Political Science, Psychology, Sociology)	BA

TABLE 5
DEGREES AND CERTIFICATES OF ACHIEVEMENT OFFERED 1/
UNIVERSITY OF HAWAII, COMMUNITY COLLEGES
FALL 1999

FIELD OF STUDY	COMMUNITY COLLEGE													
	HAWAII		HONOLULU		KAPI'OLANI		KAUA'I		LEEWARD		MAUI		WINDWARD	
GENERAL & PRE-PROFESSIONAL	1		2		1		1		1		1		1	
Liberal Arts	AA		AA		AA		AA		AA		AA		AA	
Industrial Education			AAS											
VOCATIONAL EDUCATION	13	18	21	27	8	15	11	11	8	9	23	19		
Business	3	4			4	5	4	4	4	5	4	4		
Accounting	AAS				CA	AS	CA	AAS	CA	AAS	CA	AAS		
Business Careers											CA	AAS		
Hotel Operations											CA	AAS		
Hotel / Restaurant Operations					AS						CA	AAS		
Information & Computer Science									AS		CA	AAS		
Information Technology 2/	CA	AS			CA	AS					CA	AAS		
Management											CA	AAS		
Banking									CA					
Credit Union									CA					
Sales & Marketing									AAS					
Supervisory									AAS					
Marketing	CA	AAS			CA	AS					CA	AAS		
Office Administration and Technology ...	CA	AAS					CA	AAS	CA	AAS	CA	AAS		
Travel & Tourism					CA	AS								
Visitor Industry							CA	AAS						
Culinary Arts							CA	AAS						
Hospitality Services							CA							
Hotel Operations														
Food Services	1	1			1	1			1	1	1	1		
Food Service	CA	AAS			AS				CA	AAS	CA	AAS		
Culinary Arts					CA									
Health Services	1	1			3	8	1	1			1	1		
Diagnostic Medical Sonography					CA									
Medical Assisting					CA	AS								
Medical Laboratory Tech					AS									
Mobile Intensive Care Tech					AS									
Nursing														
Associate Degree	AS				AS		AS				AS			
Practical	CA				CA		CA				CA			
Occupational Therapy Assistant					AS									
Physical Therapist Assistant					AS									
Radiologic Technology					AS									
Respiratory Care					AS									
Public Services	1	3	8	9	1	1	1			5		5		
Administration of Justice	AS		AAS								CA	AAS		
Early Childhood Education 3/	CA	AS					CA	AS						
Fire & Environmental Emerg Response			CA	AAS										
Fire Science	AAS													
Human Services											CA	AS		
Child Development Assoc			CA	AAS										
Community Service			CA	AAS										

TABLE 5 (cont.)

FIELD OF STUDY	COMMUNITY COLLEGE											
	HAWAII		HONOLULU		KAPI'OLANI	KAUA'I		LEEWARD		MAUI		WINDWARD
Corrections			CA	AAS								
Early Childhood Education			CA	AAS								
Education Assistant			CA	AAS						CA	AS	
Elderly Service			CA	AAS								
Health Aide										CA	AS	
Social Services Aide										CA	AS	
Paralegal.....					AS							
Occupational Environ Safety Mgt			CA	AS								
Trades and Technology	7	9	13	18		5	5	3	3	12	8	
Aeronautics Maintenance Technology ..			CA	AS								
Agriculture Careers	CA	AAS										
Horticulture & Landscape Maintenan										CA	AAS	
Nursery Management										CA		
Floriculture Management										CA		
Vegetable Management										CA	AAS	
Applied Trades				AAS								
Auto Body Repair & Painting	CA	AAS	CA	AAS		CA	AAS			CA	AAS	
Automotive Mechanics	CA	AAS										
Automotive Mechanics Technology			CA	AAS		CA	AAS					
Automotive Technology								CA	AAS	CA	AAS	
Building Maintenance										CA		
Carpentry	CA	AAS				CA	AAS					
Carpentry Technology			CA	AAS						CA	AAS	
Commercial Aviation				AS								
Communication Arts 4/.....				AS								
Comp, Electronics & Netwrk Tech 4/....				AS								
Cosmetology			CA	AAS								
Diesel Mechanics.....	CA	AAS										
Diesel Mechanics Technology.....			CA	AAS								
Drafting Technology								CA	AAS	CA		
Architectural			CA	AAS								
Drafting & Engineering Aide		AAS										
Engineering			CA	AAS								
Electrical Install & Maint Technology	CA	AAS	CA	AAS		CA	AAS					
Electronics & Computer Engineer Tech												
Electronics Engineering										CA	AS	
Computer Engineering											AS	
Electronics Technology		AAS				CA	AAS					
Fashion Technology			CA	AAS						CA	AAS	
Marine Technologies												
Boat Maintenance & Repair 5/.....				AAS								
Refrigeration & Air Cond Technology			CA	AAS								
Sheet Metal & Plastics Technology			CA	AAS								
Television Production 6/.....								CA	AS			
Welding												
Welding Technology			CA	AAS						CA		
Welding & Sheet Metal	CA	AAS										

Note: Certificates of Completion are listed on Table 6.

- 1/ The degree/certificate totals in this table do not necessarily reflect the actual number of programs at each campus. The counts are based purely upon occurrences within the table, regardless of whether certificates are at the program level or are program specializations.
- 2/ Name change from Data Processing to Information Technology and degree change from AAS to AS at Hawaii CC, Fall 1999.
- 3/ Permanent Status granted to Early Childhood program at Hawaii CC, Fall 1999.
- 4/ Degree change from AAS to AS for Communication Arts and Computing, Electronics & Netwrk Tech at Honolulu CC, 5/1/99.
- 5/ Permanent status granted to Boat Maintenance & Repair program at Honolulu CC, 5/1/99.
- 6/ Permanent status granted to Television Production program at Leeward CC, 5/1/99.

TABLE 6
CERTIFICATES OF COMPLETION OFFERED 1/
UNIVERSITY OF HAWAII, COMMUNITY COLLEGES
FALL 1999

FIELD OF STUDY	COMMUNITY COLLEGE						
	HAWAII	HONOLULU	KAPI'OLANI	KAUA'I	LEEWARD	MAUI	WINDWARD
VOCATIONAL EDUCATION	6	9	15	4	9	21	3
Business							
Accounting (Payroll & Accounts Clerk) ..			CC				CC
Business Technology					CC		
Digital Media							
Hotel Operations	CC					CC	
Hotel & Restaurant Operations			CC				
Visitor Industry (Hotel Operations)				CC			
Information Technology			CC				
Management (Sales & Marketing)					CC		
Office Administration and Technology ...	CC			CC	CC		
General Office Clerk						CC	
Receptionist						CC	
Sales & Marketing (Entrepreneurship) ...			CC				
Health Services							
Dental Assisting			CC				
Medical Assisting							
Community Health Worker			CC				
Mobile Intensive Care Technician							
Emergency Medical Technician			CC				
Nursing							
Nurses Aide			CC			CC	
Adult Residential Care Home Operator	CC		CC				
Long Term Care/Home Health Aide			CC				
Food Services							
Food Service	CC						
Culinary Arts			CC				
(Dining Room Service)			CC				
(Patisserie Service)			CC				
Visitor Industry (Culinary Arts)				CC			
Baking					CC		
Dining Room Supervision					CC		
Preparation Cook					CC		
Pastry Cook						CC	
Public Services							
Court Reporting			CC				
Early Childhood Education	CC						
Human Services	CC						
Adult Services		CC					
Early Childhood Education		CC				CC	
Legal Secretary			CC				
Substance Abuse Counseling					CC		
Trade and Technology							
Agriculture Careers							
Turfgrass Specialist						CC	
Vegetable Crop Production						CC	
Agricultural Technology							CC
Plant Landscaping							CC
Auto Body Repair & Painting							
Auto Body Refinishing						CC	

TABLE 6 (cont.)

FIELD OF STUDY	COMMUNITY COLLEGE						
	HAWAII	HONOLULU	KAPI'OLANI	KAUA'I	LEEWARD	MAUI	WINDWARD
Corrosion						CC	
Automotive Mechanics Technology					CC		
Building Maintenance							
Electrical Maintenance						CC	
Maintenance Plumbing						CC	
Small Equipment Repair						CC	
Basic Electronics						CC	
Maintenance Painting						CC	
Cosmetology (Instructor Training).....		CC					
Diesel Mechanics							
Brake Systems		CC					
Differential Rebuilding		CC					
Lubrication & Servicing		CC					
Transmission Rebuilding		CC					
Facilities Engineering Technology				CC			
Fashion Technology		CC					
Dressmaker						CC	
Fashion-Fabric Salesperson						CC	
Seamstress						CC	
Television Production					CC		
Welding Technology		CC					
Basic Welding						CC	
Intermediate Welding						CC	
Welding for Trades						CC	

Note: Programs (with Certificates of Completion) stopped-out during this period are not included in this listing.

1/ The certificate totals in this table do not necessarily reflect the actual number of programs at each campus. The counts are based purely upon occurrences within the table, regardless of whether certificates are at the program level or are program specializations.