



UNIVERSITY OF HAWAII

PRESIDENT, UNIVERSITY OF HAWAII
AND CHANCELLOR, UNIVERSITY OF HAWAII AT MĀNOA

August 6, 1997

MEMORANDUM

TO: Mr. David B. Ramos
Chairperson, Board of Regents

FROM: Kenneth P. Mortimer *Kenneth P. Mortimer*
President, University of Hawai'i, and
Chancellor, University of Hawai'i at Mānoa

SUBJECT: INFORMATION ITEM: ACADEMIC PROGRAM ACTIONS STATUS
REPORT, 1996-1997

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 for the 1996-97 year. This report is a summary of reviews conducted for 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. The report includes an executive summary that highlights recent activity on the status of new and provisional programs and the review of established programs.

In brief, during the past year, the Board of Regents or University administration authorized six new programs and one graduate certificate, moved five provisional programs to established status, terminated five provisional programs and one established program, authorized a change of degree type for one program, authorized the reorganization of one department, approved name changes for three established programs, authorized the stop-out of new admissions to four established programs, and removed the stop-out provision for eight other established programs. During this same period, there were 94 reviews of established programs.

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

Enclosure

c: Board Secretary Ishii
v/University Executive Council

xc: SAAC
OVPPP Managers

UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
1996 - 1997

Compiled by

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July 1, 1997

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**UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS, 1996-1996
EXECUTIVE SUMMARY
JUNE 1997**

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. This Report is also responsive to the Act 161 requirement.

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

New Academic Programs Approved by the Board of Regents (6)

1. Electronics and Computer Engineering Technology, Maui Community College, BOR approval on July 19, 1996, effective fall 1996. Two options: (a) AS, Computer Engineering Technology; and (b) AS/CA, Electronics Engineering Technology.
2. MA, Hawaiian Language and Literature, UH Hilo, BOR approval on August 23, 1996, effective fall 1997.
3. Graduate Certificates (Chinese, Japanese, Korean, Philippine, South Asian & Southeast Asian Studies), UH Mānoa, SHAPS, BOR approval on September 13, 1996, effective spring 1997.
4. PhD, Computer Science, UH Mānoa, Colleges of Arts and Sciences/Natural Sciences, BOR approval on February 20, 1997, effective fall 1997.
5. PhD, International Management, UH Mānoa, College of Business Administration, BOR approval on February 20, 1997, effective fall 1997.
6. AS/CA, Medical Assisting, Kapi'olani Community College, BOR approval on March 21, 1997, effective spring 1997.

New Certificate Approved by Campus Administration (1)

1. Graduate Certificate, Maritime Archaeology & History, UH Mānoa, SOEST, SVP/Executive Vice Chancellor approval on December 31, 1996, effective fall 1997.

PROVISIONAL PROGRAM AND CERTIFICATE ACTIONS

Number of Provisional Programs (47)

In addition to the six new programs and/or certificates approved by the BOR and the one administratively approved certificate in the past year, there are 47 ongoing provisional programs systemwide.

Campus	#	Programs
<i>UH Community Colleges (18)</i>		
•Hawai'i Community College	1	AAS/CA, Early Childhood Education
•Honolulu Community College	7	Advanced CA, Advanced Automotive Technology; AAS/CA, Diesel Mechanics Technology—Marine Diesel Maintenance and Repair; AAS, Electronics Technology—Marine Electricity and Electronics; AS/CA, Graphic Arts; AAS, Marine Technologies—Boat Maintenance and Repair; AAS, Marine Technologies—Marine Mechanics; AAS, Ship Repair
•Kapi'olani Community College	6	Advanced CA, Diagnostic Medical Sonography; AS, Mobile Intensive Care Technician; AS, Nursing; AS, Physical Therapist Assistant; CA, Administrative Medical Assisting; CA, Clinical Medical Assisting
•Kaua'i Community College	3	AAS/CA, Early Childhood Education; AAS/CA, Electronics Technology; CA, Welding Technology
•Leeward Community College	1	AAS, Television Production
<i>UH Hilo (4)</i>	4	BA, Marine Science; BSN, Nursing, BA, Natural Sciences, BS in Biology
<i>UH Mānoa (25)</i>		
•Arts and Humanities	2	PhD, Music; Graduate Certificate, Religion
•Languages, Linguistics & Literature	3	PhD, English; BA, Korean; PhD, Second Language Acquisition
•Natural Sciences	3	BS, Botany; BS, Microbiology; BS, Zoology
•Social Sciences	4	BA, Ethnic Studies; MPA, Public Administration; Graduate Certificate, Resource Management; Undergraduate Certificate, Women's Studies
•Academic Affairs	1	Undergraduate Certificate, Peace Studies
•Business Administration & Public Health	1	Graduate Certificate, Business for Public Health Students

•Education	1	Post-Baccalaureate Certificate, Secondary Education
•Engineering	2	PhD, Civil Engineering; Graduate Certificate, Construction Engineering and Management
•Ocean & Earth Science & Technology	1	Graduate Certificate; Ocean Policy
•Public Health	3	Center on Aging; Graduate Certificate, Gerontology; Undergrad Certificate, Aging
•Social Work	1	PhD, Social Welfare
•Travel Industry Management	1	BS, Travel Industry Management
•Tropical Agriculture & Human Resources	2	Center on the Family; BS, Tropical Horticulture
<i>UH-West O'ahu (0)</i>		

Actions on Provisional Programs Approved by the Board of Regents

1. Established status granted to five provisional programs
 - A. AS, Mobile Intensive Care Technician, Kapi'olani Community College, BOR approval on July 19, 1996, effective fall 1996.
 - B. AS, Physical Therapist Assistant, Kapi'olani Community College, BOR approval on July 19, 1996, effective fall 1996.
 - C. AS, Nursing, Kapi'olani Community College, BOR approval on September 13, 1996, effective September 15, 1996.
 - D. Center on the Family, UH Mānoa, BOR approval on February 21, 1997, effective summer 1997.
 - E. BA, Natural Science, UH Hilo, BOR approval on June 20, 1997, effective fall 1997.
2. Change from an AAS to an AS degree for the Television Production program at Leeward Community College, BOR approval on July 19, 1996, effective fall 1996.
3. Termination of five provisional programs.
 - A. Advanced CA, Advanced Automotive Technology, Honolulu Community College, BOR approval on June 20, 1997, effective August 25, 1997.
 - B. AAS, Ship Repair, Honolulu Community College, BOR approval on June 20, 1997, effective August 25, 1997.
 - C. CA, Welding Technology, Kaua'i Community College, BOR approval on July 19, 1996, effective fall 1996.

- D. CA in Administrative Medical Assisting, Kapi'olani Community College, BOR approval on March 21, 1997, effective fall 1997.
- E. CA in Clinical Medical Assisting, Kapi'olani Community College, BOR approval on March 21, 1997, effective fall 1997.

ESTABLISHED PROGRAM AND CERTIFICATE ACTIONS

Number of Established Programs Reviewed in 1996-97 (94)

Actions on Established Program Approved by the Board of Regents

- 1. Reorganization to combine the Department of Curriculum and Instruction and the Department of Field Services, BOR approval on August 23, 1996, effective fall 1997.
- 2. Removal of stop-out for one programs—Professional Diploma, UH Mānoa, College of Education, BOR approval on June 20, 1997, effective July 1, 1997.
- 3. Termination of one program—CA in Automotive Mechanics Technology, Windward Community College, BOR approval September 13, 1996, effective September 15, 1996.

Action on Established Programs Approved by Campus Administration

- 1. Name change for three programs.
 - A. From Health, Physical Education and Recreation to Kinesiology and Leisure Science, UH Mānoa, College of Education, SVP/Executive Vice Chancellor approval on August 8, 1996, effective fall 1997.
 - B. From Electronics Technology to Computing, Electronics, and Networking Technology, Honolulu Community College, SVP/Chancellor approval on October 4, 1997, effective January 1, 1997.
 - C. From Hotel Operations to Hotel/Restaurant Operations, Kapi'olani Community College, SVP/Chancellor approval on May 19, 1997, effective fall 1997.
- 2. Stop-out of four programs.
 - A. AAS/CA, Welding Technology, Honolulu Community College, SVP/Chancellor approval on July 5, 1996, effective fall 1996.
 - B. AAS/CA, Fashion Technology, Honolulu Community College, SVP/Chancellor approval on April 24, 1996, effective fall 1996.
 - C. AAS/CA, Data Processing, Hawai'i Community College, SVP/Chancellor approval on October 7, 1996, effective fall 1997.
 - D. BBA, Business Economics, UH Mānoa, SVP/Executive Vice Chancellor approval on June 13, 1997, effective fall 1997 and ending in spring 1998.

4. Stop-out removal for seven programs.

- A. MS/PhD, Anatomy and Reproductive Biology, UH Mānoa, School of Medicine, President approval on March 7, 1997, effective fall 1997.
- B. MS/PhD, Biochemistry, UH Mānoa, School of Medicine, President approval on March 7, 1997, effective fall 1997.
- C. MS/PhD, Biophysics, UH Mānoa, School of Medicine, President approval on March 7, 1997, effective fall 1997.
- D. MS/PhD, Genetics, UH Mānoa, School of Medicine, President approval on March 7, 1997, effective fall 1997.
- E. MS/PhD, Pharmacology, UH Mānoa, School of Medicine, President approval on March 7, 1997, effective fall 1997.
- F. MS/PhD, Physiology, UH Mānoa, School of Medicine, President approval on March 7, 1997, effective fall 1997.
- G. MS/PhD, Tropical Medicine and Medical Microbiology, UH Mānoa, School of Medicine; President approval on March 7, 1997, effective fall 1997.

**UNIVERSITY OF HAWAI'I
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
1996-1997**

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 response to 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 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 89 academic programs in 1996-97. 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 and 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, an ad 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 on implementing the recommendations of the Council. In 1996-97, the campus reviewed four established programs.

UH COMMUNITY COLLEGES
ACADEMIC PROGRAM ACTIONS

**UNIVERSITY OF HAWAII
ACADEMIC PROGRAM ACTIONS
- STATUS REPORT
JUNE 1997**

I. NEW ACADEMIC PROGRAMS (July 1, 1996 through June 30, 1997)

Campus	Program	Degree/ Certificate	BOR Action/ Comments
Kapi'olani CC	Medical Assisting	AS CA	Consolidated Medical Assisting w/ 2 options; BOR approval 3/21/97, effective spring 1997
Maui CC	Electronics and Computer Engineering Technology-		BOR approval 7/19/96 effective fall 1996
	Computer Engineering Technology	AS	
	Electronics Engineering Technology	CA AS	

II. PROVISIONAL PROGRAMS (16)

Campus	Program	Degree/ Certificate	Status	BOR Action/ Comments
Hawai'i CC	Early Childhood Education	AAS CA	Reviewed fall 1996	BOR action will be requested fall 1997
Honolulu CC	Advanced Automotive Technology	Advanced CA	Reviewed fall 1995	BOR terminated 6/20/97, effective 8/25/97
Honolulu CC	Diesel Mechanics Technology Marine Diesel Maintenance & Repair	AAS CA	Reviewed fall 1996	First student intake undetermined; Status Report to BOR in 8/97
Honolulu CC	Electronics Technology Marine Electricity & Electronics	AAS		First student intake undetermined; Status Report to BOR in 8/97
Honolulu CC	Graphic Arts	AS CA	Reviewed fall 1996	BOR action will be requested fall 1997

Campus	Program	Degree/ Certificate	Status	BOR Action/ Comments
Honolulu CC	Marine Technologies Boat Maintenance & Repair	AAS	First student intake, spring 1995	BOR action will be requested fall 1997
Honolulu CC	Marine Technologies Marine Mechanics	AAS		First student intake undetermined; Status Report to BOR in 8/97
Honolulu CC	Ship Repair	AAS	Reviewed fall 1995	BOR terminated 6/20/97, effective 8/25/97
Kapi'olani CC	Diagnostic Medical Sonography	Advanced CA	Reviewed fall 1996	Received provisional approval 9/16/94, effective fall 1994
Kapi'olani CC	Mobile Intensive Care Technician	AS	Status change from provisional to permanent	BOR approval 7/19/96, effective fall 1996
Kapi'olani CC	Nursing	AS	Status change from provisional to permanent	BOR approval 9/13/96, effective 9/15/96
Kapi'olani CC	Physical Therapist Assistant	AS	Status change from provisional to permanent	BOR approval 7/19/96, effective fall 1996
Kaua'i CC	Early Childhood Education	AAS CA	Reviewed fall 1996	BOR action will be requested in fall 1997
Kaua'i CC	Electronics Technology	AAS CA	Reviewed fall 1996	BOR action will be requested in fall 1997
Kaua'i CC	Welding Technology	CA		BOR terminated 7/19/96, effective fall 1996
Leeward CC	Television Production	AAS	Reviewed fall 1996	Change from AAS to AS; BOR approval 7/19/96, effective fall 1996

III. REVIEWS OF ESTABLISHED PROGRAMS (July 1, 1996 through June 30, 1997)

UH-Hawai'i CC (17)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	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		
Data Processing (AAS,CA)		Chancellor approval 10/7/96, effective fall 1997	
Diesel Mechanics (AAS,CA)	Continued		
Drafting and Engineering Aide (AAS)	Continued		
Electrical Installation and Maintenance Technology (AAS,CA)	Continued		
Fire Science (AAS)	Continued		
Food Service (AAS,CA)	Continued		
Practical Nursing (CA)	Continued		
Nursing (AS)	Continued		
Office Administration and Technology (AAS,CA)	Continued		
Sales and Marketing (AAS,CA)	Continued		
Welding and Sheet Metal Technology (AAS,CA)	Continued		

UH-Honolulu CC (20)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	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 (AAS,CA)	Continued		
Cosmetology (AAS,CA)	Continued		
Commercial Arts (AAS)	Continued		
Computing, Electronics, and Networking Technology (AAS)	Name change from Electronics Technology, Chancellor approval 10/4/96, effective 1/1/97		
Diesel Mechanics Technology (AAS,CA)	Continued		
Drafting Technology (AAS, CA)	Name change to Drafting Technology (AAS,CA); establishment of two options: (1)Architectural (AAS, CA) and (2) Engineering (AAS, CA), BOR approval 5/24/96, effective fall 1996		
Electrical Installation and Maintenance Technology (AAS,CA)	Continued		

UH-Honolulu CC (20)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	Termination
Fashion Technology (AAS,CA)		Chancellor approval 4/24/96 (one year), effective fall 1996	
Fire and Environmental Emergency Response (AAS, CA)	Continued		
Human Services (AAS, CA)	Continued		
Industrial Education (AAS)	Continued		
Occupational Environmental Safety Management (AAS, CA)	Continued		
Refrigeration and Air Conditioning Technology (AAS, CA)	Continued		
Sheet Metal and Plastics (AAS,CA)	Continued		
Welding Technology (AAS, CA)		Chancellor approval 7/05/96, effective fall 1996	

UH-Kapi'olani CC (13)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	Termination
Accounting (AS,CA)	Continued		
Business Computer Information Systems (AS,CA)	Continued		
Dental Assisting (CC)	Continued		
Emergency Medical Technician (CC)	Continued		
Food Service (AS,CA)	Continued		
Hotel/Restaurant Operation (AS,CA)	Name change from Hotel Operations, Chancellor approval 5/19/97, effective fall 1997		
Legal Assistant (AS)	Continued		
Medical Laboratory Technician (AS)	Continued		
Practical Nursing (CA)	Continued		
Occupational Therapy Assistant (AS)	Continued		
Radiologic Technology (AS)	Continued		
Respiratory Care (AS)	Continued		
Sales and Marketing (AS,CA)	Continued		

UH-Kaua'i CC (10)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	Termination
Accounting (AAS,CA)	Continued		
Auto Body Repair and Painting (AAS,CA)	Continued		
Automotive Mechanics Technology (AAS,CA)	Continued		
Carpentry (AAS,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 (8)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	Termination
Accounting (AAS,CA)	Continued		
Automotive Mechanics Technology (AAS,CA)	Continued		
Drafting Technology (AAS,CA)	Continued		
Food Service (AAS,CA)	Continued		
Information & Computer Science (AS)	Continued		
Management Mgt (Banking) (CA) Mgt (Credit Union) (CA) Mgt (Sales & Mkt) (AAS)	Continued		
Office Administration and Technology (AAS,CA)	Continued		
Television Production (CA)	Continued		

UH-Maui CC (17)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	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 Technology (AAS,CA)	Continued		
Building Maintenance (CA)	Continued		
Business Careers (AAS,CA)	Continued		
Carpentry Technology (AAS,CA)	Continued		
Drafting (CA)	Continued		
Fashion Technology (AAS,CA)	Continued		
Food Service (AAS,CA)	Continued		
Hotel Operations (AAS,CA)	Continued		
Human Services (AAS,CA)	Continued		
Practical Nursing (CS)	Continued		
Nursing (AS)	Continued		
Office Administration and Technology (AAS,CA)	Continued		
Welding (CA)	Continued		

UH-Windward CC (4)

PROCEDURES USED: Program Health Indicators (see Appendix A)

Program & Credential	Continuation/ Significant Changes (Name changes, consolidations, etc.)	Stopout	Termination
Accounting (AAS,CA)			Termination request to BOR in July 1997
Automotive Mechanics Technology (CA)	Students have been redirected to other campuses.		BOR terminated 9/13/96, effective 9/15/96
Finance (AAS,CA)		2/16/96 (two years)	Termination request to BOR in July 1997
Office Administration and Technology (AAS,CA)			Termination request to BOR in July 1997

**UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
PROGRAM HEALTH INDICATORS
ACADEMIC PROGRAM REVIEW PROCEDURES**

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 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.

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.

APPENDIX A

**UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES
 TERMINATED PROGRAMS, 1995-96
 EFFECTIVE DATES 1996-97**

Campus	Program	Status	BOR Action/ Comments
Hawai'i CC	Fashion Technology, CA	Termination	BOR terminated 5/24/96, effective fall 1996
Honolulu CC	Commercial Baking, AAS/CA	Termination	BOR terminated 5/24/96, effective fall 1996
Honolulu CC	Engineering Technology, AAS	Termination	BOR terminated 5/24/96, effective fall 1996
Honolulu CC	Machine Shop Technology, CA/AS	Termination	BOR terminated 5/24/96, effective fall 1996
Kapi'olani CC	Legal Office Administration and Technology, AAS	Termination	BOR terminated 5/24/96, effective fall 1996
Kapi'olani CC	Medical Transcriptionist, Stenography, and Word Processing, CA	Termination	BOR terminated 5/24/96, effective fall 1996
Kapi'olani CC	Office Administration and Technology, AAS/CA	Termination	BOR terminated 6/24/96, effective fall 1996

UH HILO

ACADEMIC PROGRAM ACTIONS

**UNIVERSITY OF HAWAI'I AT HILO
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
JUNE 1997**

NEW ACADEMIC PROGRAMS (July 1, 1996 - June 30, 1997)

Program	Degree/Certificate	Status	BOR Action/ Comments
Hawaiian Language and Literature	MA	New program (Provisional status)	BOR approval 8/23/96, effective fall 1997

PROVISIONAL PROGRAMS (July 1, 1996 - June 30, 1997)

Program	Degree/Certificate	Status	BOR Action/ Comments
Marine Science	BA	Established status review in 1997	
Natural Science	BA	Provisional to permanent status, BOR approval 6/20/97, effective fall 1997	
Biology	BS	BOR approval 12/22/95, effective fall 1996	
Nursing	BSN	Established status review in 1997	

REVIEW OF ESTABLISHED PROGRAMS (July 1, 1996 - June 30, 1997)

Program	Degree/Certificate	Continuation/ Significant Changes	Stopout/ Termination
Business Administration	BBA	Campus review of BOR established program. External review by AACSB led to decision to seek accreditation from AACSB.	

UNIVERSITY OF HAWAI'I AT HILO ACADEMIC PROGRAM REVIEW PROCEDURES

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 demographics, clientele, and 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, the outline that follows is intended to serve 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.

Process

I. Program Overview

A. Goals and Objectives

1. The department and program.
2. Relationship to campus mission and to mission for degree level (associate, baccalaureate, or graduate) on this campus.

B. Program Descriptors

1. Majors, minors, concentrations, certificates, areas of emphasis and requirements for each.
2. Admission requirements unique to the program.
 - a. Academic
 - b. Experiential
3. Screening processes for continuation in major and/or admission to advanced standing.
4. Special experiences, e.g. internship, field experiences, special study arrangements, other capstone experiences.

II. Program Performance/ Quality Indicators

A. Tabular data on program performance

1. Enrollment trends in program over a 5-year period, by year.
2. Year-to-year data on number of degrees awarded over 5-year period.
3. Data on number of students completing other than degree, e.g., certificates.
4. Data on average length of time to complete degree. Provides insight into course bottlenecks, part-time versus full-time enrollment patterns.

B. Changes in program requirements and content since last formal academic review. Or if new program, for the initial five years. For new programs, this conforms to the BOR cycle for movement to final program status.

C. Apply standards of relevant professional associations, accreditation bodies, and state or other certification or licensure agencies.

D. At least one external consultant should be utilized per program. The consultant should be identified as early in the review process as possible, and should be mutually acceptable to the department under review, the College Dean, and the Vice Chancellor for Academic Affairs. Departments should prepare a written response to the consultant.

E. Student Data

1. Each program needs to have a methodology to survey current and former students in terms of satisfaction level. The survey should identify what students perceive as program strengths and weaknesses.
2. Job placement of students should be reported, with attention given to the kinds of employment students obtain. Employer evaluations of preparation of program graduates should be a component of this database.

3. Continuing education, such as graduate degrees, professional school completion, and certification, should be reported.
4. If an internal or external advisory committee exists for the program, their feedback is applicable.

F. Factors Influencing Program

1. Assess continuing needs for the program in terms of local community and regional and national trends, as well as University needs and directions.
2. Update job market and career opportunity information as it relates to program graduates.
3. Ask what are key factors expected to influence future growth and direction of the program.

G. S.W.O.T.

With professional standards and quality in mind, analyze the program in terms of a strengths, weaknesses, opportunities, and threats framework.

III. Curricular Management

- A. Review rotation and cycling of courses over the last five-year period: Review the numbers of course sections and average enrollment by section and course.
- B. Describe the plan for cycling of courses. Are courses available on a regular basis? Are some courses no longer program-relevant?
- C. Are there special needs, such as scheduling for evening or weekend students, students at off-site locations, students in related majors, etc.?
- D. Describe any special resources needed for the delivery of your program. How do they add or detract from the overall effectiveness and efficiency of the program?
- E. Discuss the management and implications of special curricular issues such as: the balance between lower and upper division courses, supervision of field experience or research assignments, small and/or high enrollment mix, etc.
- F. Using a model curriculum program in your area, how does your program benchmark? What are the strong and/or weak areas of the curriculum?

IV. External Activities

- A. Describe any community outreach, continuing education, and in-service or other external activities engaged in by the department/program.
- B. Describe how any extramural or grant activities relate to the program.
- C. If there is an external advisory group, what is its nature and role?

V. Faculty

- A. List degrees earned and other credentials of faculty, where degrees were earned, and qualifications, including applied experiences to teach courses at different levels, lower or upper division, undergraduate or graduate levels.
- B. Match courses with faculty expertise in that area.
- C. Provide indicators of strengths, weakness, growth, and professional development of your faculty.
- D. Describe any faculty additions, changes, or reductions over the five-year review period. How have they impacted your programs? Are there future plans to address any problems in this area?
- E. Are there workload considerations such as load reductions, assignments to special projects, or administrative duties that impact the quality of your program?

VI. Support Staff and Services

- A. Describe and assess support staff and needs that are related to your program.
- B. Address the adequacy and quality of support services which are critical to your program.
- C. If you have APTs, other technicians, or specialized staff assigned to work with your area, describe how they contribute to your program.

VII. Recommendations, Evaluation, and Follow-up

- A. Summarize strengths, weaknesses, and problem areas of the program as related to curriculum, productivity, faculty, support staff, and services.
- B. Make specific recommendations regarding future needs of the program.
- C. Discuss alternative recommendations and implications of not addressing B above.
- D. Establish a timetable for recommendations and goals.
- E. On an annual basis, document your progress toward recommendations and secure concurrence on necessary revisions.

UH MĀNOA
ACADEMIC PROGRAM ACTIONS

**UNIVERSITY OF HAWAII AT MĀNOA
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
JUNE 1997**

NEW ACADEMIC PROGRAMS (July 1, 1996 - June 30, 1997)

College or School	Program & Credential	Status	BOR Action/Comments
Hawaiian, Asian, & Pacific Studies	Graduate Certificates in Chinese, Korean, Japanese, Philippine, South Asian, and Southeast Asian Studies	New program (Provisional status)	BOR approval 9/13/96, effective spring 1997
Ocean & Earth Science & Technology	Graduate Certificate in Maritime Archaeology & History	New program (Provisional status)	EVC approval 12/31/96, effective fall 1997
A&S - Natural Sciences	PhD in Computer Science	New program (Provisional status)	BOR approval 2/20/97, effective fall 1997
Business Administration	PhD in International Management	New program (Provisional status)	BOR approval 2/20/97, effective fall 1997

PROVISIONAL PROGRAMS (25)

College or School	Program & Credential	Status	BOR Action/Comments
A&S - Arts & Humanities	Music, PhD	Established review 1998	
A&S - Arts & Humanities	Religion, Grad Certificate	Established review 1996	
A&S - Languages, Linguistics & Literature	English, PhD	Established review 1996	Review with department
A&S - Languages, Linguistics & Literature	Korean, BA	Established review 1999	
A&S - Languages, Linguistics & Literature	Second Language Acquisition, PhD	Established review 1996	Review with ESL department
A&S - Natural Sciences	Botany, BS	Established review 1996	Review with department
A&S - Natural Sciences	Microbiology, BS	Established review 1996	Review with department

College or School	Program & Credential	Status	BOR Action/Comments
A&S - Natural Sciences	Zoology, BS	Established review 1996	Review with department
A&S - Social Sciences	Ethnic Studies, BA	Established review 1999	
A&S - Social Sciences	Public Administration, MPA	Established review 1995	Review in progress
A&S - Social Sciences	Resource Management, Graduate Certificate	Established review 1995	Review in progress
A&S - Social Sciences	Women's Studies, Undergraduate Certificate	Established review 1995	Review in progress
Academic Affairs	Peace Studies, Undergraduate Certificate	Locus change to Social Science in process	
Business Administration & Public Health	Business for Public Health Students, Graduate Certificate	Established review 1995	Review in progress
Education	Secondary Education, Post-Baccalaureate Certificate	Established review 1998	BOR approval 6/21/96, effective fall 1996
Engineering	Civil Engineering, PhD	Established review 1998	Review with department
Engineering	Construction Engineering & Management, Graduate Certificate	Established review 1996	
Ocean & Earth Science & Technology	Ocean Policy, Graduate Certificate	Established review 1995	Review in progress
Public Health	Center on Aging	Established review 1996	
Public Health	Aging, Undergraduate Certificate	Established review 1996	
Public Health	Gerontology, Graduate Certificate	Established review 1996	
Social Work	Social Welfare, PhD	Review with school 1997	
Travel Industry Management	Travel Industry Management, BS	Established review with school 1998	BOR approved postponement 9/22/95
Tropical Agriculture & Human Resources	Center on the Family	BOR approved established status 2/21/97, effective summer 1997	Program review with college 2001, effective 3/1/97

College or School	Program & Credential	Status	BOR Action/Comments
Tropical Agriculture & Human Resources	Tropical Horticulture, BS	Established review 1995	Review in progress

PROGRAM CHANGES (July 1, 1996 - June 30, 1997)

College or School	Program & Credential	Status	BOR Action/Comments
A&S - Natural Sciences	Department of General Science	Reorganization to eliminate	BOR action 6/21/96, effective 6/21/96
Business	Business Economics, BBA	Stop-out	SVP/EVC approval 6/13/97, effective fall 1997, ending spring 1997
Education	Art Education Specialization, BEd	Stop-out removal to be requested*	
Education	Kinesiology & Leisure Science, BS	Name change from Health, Phys. Ed. & Recreation	EVC approval 8/8/96, effective Fall 1997
Education	Professional Diploma	Stop-out removal	BOR action 6/20/97, effective 7/1/97*
Education	Teacher Education & Curriculum Studies	Reorganization to combine Dept. of Curr & Inst & Dept of Field Services	BOR action 8/23/96, effective fall 1997
Medicine	Anatomy & Reproductive Biology, MS/PhD	Stop-out removal	President approval 3/7/97, effective fall 1997
Medicine	Biochemistry, MS/PhD	Stop-out removal	President approval 3/7/97, effective fall 1997
Medicine	Biophysics, MS/PhD	Stop-out removal	President approval 3/7/97, effective fall 1997
Medicine	Genetics, MS/PhD	Stop-out removal	President approval 3/7/97, effective fall 1997
Medicine	Pharmacology, MS/PhD	Stop-out removal	President approval 3/7/97, effective fall 1997
Medicine	Physiology, MS/PhD	Stop-out removal	President approval 3/7/97, effective fall 1997
Medicine	Tropical Medicine & Medical Microbiology, MS/PhD	Stop-out removal	President approval 3/7/97, effective fall 1997

*Note: BOR action required due to extension of stop-out beyond two years. BOR approved extension 6/21/96.

**UNIVERSITY OF HAWAII AT MĀNOA
ACADEMIC PROGRAM REVIEW PROCEDURES
AND SUMMARY OF FINDINGS**

REVIEWS OF ESTABLISHED PROGRAMS (July 1, 1996- June 30, 1997)

UH - MĀNOA PROCEDURES

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 Graduate Education. 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 form 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 on implementing the recommendations of the Council.

SUMMARY OF 1996-97 PROGRAM REVIEW OUTCOMES

The reviews of the College of Tropical Agriculture and Human Resources (CTAHR) and the College of Business Administration (CBA) begun in 1995-96 continued. Problems in the staffing of review teams and subsequent delays in the program review process in CTAHR led to the completion of only four more program reviews for the College.

Review procedures for CBA were modified last year to allow for a way of reviewing the college which reflects actual operations. However, the CBA reviews were also hampered by problems in staffing review teams. While almost all of the reports have been completed, the illness of the review team's convener delayed the final report. A report on CBA will be therefore be delayed until next year.

CTAHR Program Review Outcomes as of June 30, 1997:

Agriculture & Resource Economics

1. The department needs to develop a mission statement that articulates its comparative advantage, identifies high priority areas of research, complements teaching and service missions, and promotes synergy between faculty and students.
2. The college and the department should work together on strategic initiatives to integrate Agricultural and Resource Economics with other college programs.
3. The undergraduate program should be abolished or integrated with another programs within the college.
4. Fundamental changes must be made in graduate programs in order for them to remain viable, such as teaching fewer specialization courses at the master's level, offering the master's degree only as part of the PhD, and working with other departments to cross-list courses.
5. For appointments split among Instruction, Research, and Specialist classifications, responsibilities for instructional, research, and service obligations should be transparent to all faculty.
6. A chair should be appointed either from within the department or recruited from outside the CTAHR.

Animal Sciences

1. The department's on-campus facilities need to be upgraded or replaced.
2. Faculty efforts to develop alternatives to the present use of the Waialeale Research Station and to incorporate more hands-on experience into the curriculum should be supported.
3. A college-wide evaluation of frozen positions should be conducted.
4. Faculty need to orient their research to problems broadly relevant to tropical livestock and agriculture and not just to local industry and should focus on grant dollars from other than the Governor's Agriculture Coordinating Committee.
5. The department and dean need to examine and analyze faculty retention, particularly junior faculty.

Food Science & Human Nutrition

1. The Council supports the construction of the new Agricultural Sciences III Building to upgrade the department's laboratories and to alleviate office overcrowding.
2. The department and the college need to evaluate the understaffing of faculty positions both at the graduate and undergraduate levels.
3. COPR recommends that the UH administration make a decision on the proposed interdisciplinary PhD program in food science.
4. The Council also recommends that discussions continue between the School of Public Health and this department on the post-baccalaureate Dietetic Internship program currently housed in the School of Public Health.

Horticulture

1. The department needs to respond to changes in the economic climate of the state and the growth of diversified agriculture.
2. It needs to shift funding efforts to local industry instead of focusing solely on state support, e.g. the Governor's Agriculture Council.
3. Efforts must be made to encourage and support external grant-writing activities.
4. Staffing shortfalls need to be examined college-wide.
5. To alleviate concerns about the undergraduate program, college-wide discussions on interdisciplinary undergraduate degrees should resume.

SUMMARY OF ONE-YEAR PROGRESS REPORTS

Inasmuch as the reviews of the College of Business Administration and the College of Tropical Agriculture and Human Resources were not completed, one-year progress reports will not be available until next year.

APPENDIX A

UNIVERSITY OF HAWAI'I AT MĀNOA
TERMINATED PROGRAMS, 1995-96
EFFECTIVE DATES, 1996-97

College or School	Program & Credential	Status	BOR Action/Comments
Library & Information Studies	Archives & Records Management, Grad Certificate	Termination	BOR terminated 6/21/96, effective 12/31/96

UH-WEST O'AHU
ACADEMIC PROGRAM ACTIONS

**UNIVERSITY OF HAWAI'I WEST O'AHU
ACADEMIC PROGRAM ACTIONS
STATUS REPORT
JUNE 1997**

NEW ACADEMIC PROGRAMS (July 1, 1996 - June 30, 1997)

Program	Degree/Certificate	Status	BOR Action/ Comments
None			

PROVISIONAL PROGRAMS (July 1, 1996 - June 30, 1997)

Program	Degree/Certificate	Status	BOR Action/ Comments
None			

REVIEW OF ESTABLISHED PROGRAMS (July 1, 1996 - June 30, 1997)

Program	Degree/Certificate	Continuation/ Significant Changes	Stopout/ Termination
None			

LISTING OF ABBREVIATIONS

CC	Certificate of Completion
CA	Certificate of Achievement
AA	Associate in Arts
AS	Associate in Science
AAS	Associate in Applied Science
BA	Bachelor of Arts
BArch	Bachelor of Architecture
BBA	Bachelor of Business Administration
BFA	Bachelor of Fine Arts
BMus	Bachelor of Music
BS	Bachelor of Science
BSW	Bachelor of Social Work
U Cert	Undergraduate Certificate
G Cert	Graduate Certificate
MA	Master of Art
MAcc	Master of Accounting
MArch	Master of Architecture
MBA	Master of Business Administration
MEd	Master of Education
MEdT	Master of Education in Teaching
MFA	Master of Fine Arts
MLIS	Master of Library and Information Studies
MMus	Master of Music
MPA	Master of Public Administration
MPH	Master of Public Health
MPS	Master of Professional Studies
MS	Master of Science
MSW	Master of Social work
MURP	Master of Urban and Regional Planning
DrPH	Doctor of Public Health
EdD	Doctor of Education
JD	Juris Doctor
PhD	Doctor of Philosophy

MASTER LIST OF CURRICULA OFFERED

UNIVERSITY OF HAWAII

FALL 1996

Institutional Research Office

University of Hawai'i

October 1996

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 1996

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
TOTAL	88	87	53	7
College of Arts and Sciences	49	41	25	
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			
Dance	BA	MA, MFA		
Dance Theatre	BFA			
Drama and Theatre	BA	MA, MFA	PhD	
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		MS		
Japanese	BA			
Journalism	BA			
Korean	BA			
Liberal Studies c /	BA			
Liberal Studies (Ethnic Studies)	BA			
Liberal Studies (Women's Studies)	BA			
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		
Russian	BA			

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
Second Language Acquisition			PhD	
Sociology	BA	MA	PhD	
Spanish	BA			
Speech	BA	MA		
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 Technology	3	4	4	
Geology	BA			
Geology and Geophysics	BS	MS	PhD	
Meteorology	BS	MS	PhD	
Ocean Engineering		MS	PhD	
Oceanography		MS	PhD	
College of Business Administration	9	1		
Business Administration		MBA		
Business Economics & Quant Meth	BBA			
Communication & Information Sciences b /			(PhD)	
Finance	BBA			
General Business	BBA			
Human Resource Management	BBA			
International Business	BBA			
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	BS	MPS		
College of Education	4	9	4	3
Counseling & Guidance		MEd		
Education (Curriculum & Instruction)			EdD	
Education (Educational Administration)			EdD	
Education (Educational Foundations)			EdD	
Education (Teaching)				
Educational Administration		MET		
Educational Technology		MEd		
Educational Foundations		MEd		
Educational Psychology		MEd		
Elementary Education	BEd	MEd	PhD	
Kinesiology and Leisure Science	BS			Prof Dipl.
(Athletic Training)				

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
(Health / Exercise Science).....				
(Physical Education).....				
(Recreation & Leisure Science).....				
Secondary Education	BEd	MEd		Prof Dipl.
Special Education d /	BEd	MEd		Prof Dipl.
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	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	1		
Architecture	BArch	MArch		
School of Law				1
Law				JD
School of Library & Information Studies		1		
Communication & Information Sciences b /			(PhD)	
Library & Information Studies		MLIS		
School of Medicine	2	9	9	2
Biomedical Sciences		MS	PhD	
Biomedical Sciences (Biochemistry)		MS	PhD	
Biomedical Sciences (Biophysics)		MS	PhD	
Biomedical Sciences (Biostatistics & Epidemiology) e /			PhD	
Biomedical Sciences (Genetics)		MS	PhD	
Biomedical Sciences (Pharmacology)		MS	PhD	
Biomedical Sciences (Physiology)		MS	PhD	
Biomedical Sciences (Anatomy and				
Reproductive Biology)		MS	PhD	
Biomedical Sciences (Tropical Medicine)		MS	PhD	
Community Health Medicine & Surgery				Diploma
Medical Technology	BS			

TABLE 1 (cont.)

COLLEGE / SCHOOL AND DEGREE PROGRAM	Educational Objective			
	BACHELOR'S DEGREE	MASTER'S DEGREE a /	DOCTOR'S DEGREE a /	OTHER
Medicine Speech Pathology & Audiology	BS	MS		MD
School of Nursing	2	1		1
Dental Hygiene Nursing	BS BS	MS		CDH
School of Public Health		2	1	
Biomedical Sciences (Biostatistics & Epidemiology) e / Public Health		MS, MPH	(PhD) DrPH	
School of Social Work	1	1	1	
Social Work Social Welfare	BSW	MSW	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, the College of Business, and the School of Library and Information Studies.

c / Program permits individualized major equivalents.

d / Bachelor's of Education degrees in Special Education are offered only at the elementary education level. Professional diplomas and Masters of Education degrees in Special Education are offered at both the elementary and secondary education levels.

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

TABLE 2
 CERTIFICATES OFFERED
 UNIVERSITY OF HAWAII AT MANOA
 FALL 1996

COLLEGE / SCHOOL AND PROGRAM	UNDERGRADUATE	GRADUATE
TOTAL	17	25
College of Arts and Sciences	15	8
Aging	Cert.	
Clinical Psychology		Cert.
European Languages		
Classics	Cert.	
French	Cert.	
German	Cert.	
Russian	Cert.	
Spanish	Cert.	
Environmental Studies	Cert.	
Ethnic Studies	Cert.	
Historic Preservation		Cert.
Indo-Pacific Languages	Cert.	
Interpretation and Translation	Cert.	
Music	Cert.	
Russian Area Studies	Cert.	
Sophomore Honors	Cert.	
Peace Studies	Cert.	
Planning Studies		Cert.
Population Studies		Cert.
Public Administration		Cert.
Religion		Cert.
Telecom & Info Resource Mgt.		Cert.
Urban and Regional Planning		Cert.
Women's Studies	Cert.	
School of Hawaiian, Asian and Pacific Studies		9
Asian Studies		Cert.
Chinese Studies 1/		Cert.
Japanese Studies 1/		Cert.
Korean Studies 1/		Cert.
Pacific Island Studies		Cert.
Philippine Island Studies 1/		Cert.
Resource Management		Cert.
South Asian Studies 1/		Cert.
Southeast Asian Studies 1/		Cert.
School of Ocean and Earth Science Technology	1	1
Marine Option	Cert.	
Ocean Policy		Cert.
College of Education		1
Post Baccalaureate Certificate in Secondary Education		Cert.
College of Engineering		2
Construction Engineering & Management		Cert.
Renewable Energy Engineering		Cert.
School of Library & Information Studies		1
Advanced Library Information Studies		Cert.

TABLE 2 (cont.)

COLLEGE / SCHOOL AND PROGRAM	UNDERGRADUATE	GRADUATE
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.

1/ Effective Spring 1997.

TABLE 3
DEGREES, SUBJECT CERTIFICATES & CERTIFICATES OF ACHIEVEMENT OFFERED
UNIVERSITY OF HAWAII AT HILO
FALL 1996

COLLEGE AND PROGRAM	EDUCATIONAL OBJECTIVE	
	Bachelor's Degree	Other
TOTAL.....	28	13
College of Agriculture	1	
Agriculture	BS	
College of Arts and Sciences	27	13
Business and Economics Division		
Business Administration	BBA	
Economics	BA	
Humanities Division		
Art	BA	
English	BA	
Hawaiian Studies	BA	
Basic Hawaiian Culture		Cert.
Hawaiian Language		Cert.
Japanese Studies	BA	Cert.
Music	BA	
Philosophy	BA	
Speech	BA	
Natural Sciences Division		
Biology	BA, BS	
Chemistry	BA	
Computer Science	BS	
Geology	BS	
Marine Option Program a /		Cert.
Marine Science		Cert.
Mathematics	BA	
Natural Science	BA	
Nursing	BS	
Physics	BA	
Systems Modeling		Cert.
Social Sciences Division		
Anthropology	BA	
Environmental Science		Cert.
Geography	BA	
History	BA	
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	

a / Certificate coordinated through UH Manoa.

TABLE 4
DEGREES OFFERED
UNIVERSITY OF HAWAII - WEST O'AHU
FALL 1996

CONCENTRATION / EDUCATIONAL OBJECTIVE	BACHELOR'S DEGREE
TOTAL	3
Humanities (specializations in English, History, Philosophy)*	BA
Professional Studies (specializations in Business Administration, Public Administration)*	BA
Social Sciences (specializations in Anthropology, Economics, Political Science, Psychology, Sociology)*	BA

* A specialization may also be centered on a problem or theme such as: American, Asian, European, or Pacific Studies; Health or Justice Administration; or International Business.

TABLE 6
CERTIFICATES OF COMPLETION OFFERED 1/
UNIVERSITY OF HAWAII, COMMUNITY COLLEGES
FALL 1996

FIELD OF STUDY	COMMUNITY COLLEGE						
	HAWAII	HONOLULU	KAPI'OLANI	KAUA'I	LEEWARD	MAUI	WINDWARD
VOCATIONAL EDUCATION	6	10	16	9	12	29	6
Business							
Business Careers (Supervision)						29	6
Business Computer Info Systems						CC	
Programming Fundamentals			CC				
Commercial Music					CC		
Court Reporting			CC				
Entrepreneurship			CC				
Finance							
General Office Clerk							CC
Hotel Operations	CC		CC	CC		CC	
Information & Computer Systems						CC	
Legal Secretary			CC				CC
Management							
Banking							
Sales & Marketing					CC		
Office Administration and Technology ...	CC			CC	CC		
Payroll & Accounts Clerk			CC		CC	CC	CC
Receptionist						CC	
Workplace Readiness				CC			
Health Services							
Adult Residential Care Home Operators	CC		CC				
Clinical Medical Assisting			CC				
Dental Assisting			CC				
Emergency Medical Technician			CC				
Nurses Aide							
Nurses Aide Training			CC	CC		CC	
Nurses Aide/Home Health Aide			CC				
Phlebotomy			CC				
Food Services							
Baker's Helper						CC	
Food Service	CC						
Baking					CC		
Cold Food Pantry				CC			
Culinary Arts			CC	CC			
Dining Room Service			CC		CC		
Pastry Cook						CC	
Patisserie			CC				
Preparation Cook					CC	CC	
Short Order Cookery					CC	CC	
Storeroom Operations						CC	
Pantry Worker						CC	
Waiter/Waitress						CC	
Public Services							
Early Childhood Education	CC					CC	
Human Services	CC						
Adult Services		CC					
Child Development Associate		CC					
Early Childhood Education		CC					
Substance Abuse Counseling					CC		
Trades and Technology							
Agriculture Careers							
Turfgrass Specialist						CC	
Vegetable Crop Production						CC	

TABLE 6 (cont.)

FIELD OF STUDY	COMMUNITY COLLEGE						
	HAWAII	HONOLULU	KAPI'OLANI	KAUAI	LEEWARD	MAUI	WINDWARD
Agriculture Technology							CC
Auto Body Repair & Painting							
Auto Body Refinishing						CC	
Collision						CC	
Automotive Mechanics Technology					CC		CC
Building Maintenance							
Electrical Maintenance						CC	
Maintenance Plumbing						CC	
Small Equipment Repair						CC	
Basic Electronics						CC	
Maintenance Painting						CC	
CMART (Photography)		CC					
Diesel Mechanics							
Brakes		CC					
Differential Rebuilding		CC					
Lubrication & Servicing		CC					
Transmission Rebuilding		CC					
Drafting Technology					CC		
Electrical Install & Maintenance				CC			
Electronics Technology				CC			
Facilities Engineering Technology				CC			
Fashion Technology							
Apparel Design & Construction		CC					
Dressmaker						CC	
Fashion-Fabric Salesperson						CC	
Merchandising		CC					
Seamstress						CC	
Plant Landscaping							CC
Television Production					CC		
Welding							
Basic Welding						CC	
Intermediate Welding						CC	
Welding for Trades						CC	

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.