

Educational Access Annual Report for 2004 April 6, 2005

Preface

This annual report filed by the Hawaii Educational Networking Consortium (HENC) details the sixth year of providing oversight for Oahu Educational Access (EA) as detailed in the agreement signed in 1998 by 'Olelo, Community Television; the Hawaii Educational Networking Consortium; and, the Department of Commerce and Consumer Affairs (DCCA). This report is an overview of the Educational Access activities for the calendar year 2004.

The three constituents of this annual report include: the Hawaii Department of Education (HDOE); the Hawaii Association of Independent Schools (HAIS); and, the University of Hawaii (UH). This report is broken down into five major sections as shown below:

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Section 1.0.0 - The EA Channels and their Programming

Section 1.1.0 - The Channels

The two Oahu access channels which are associated with educational access and are pertinent to this report include:

1. Oceanic Time Warner Cable Channel 55 - The Education Channel (TEC) is programmed statewide on a 24x7 basis (with the exception of two scheduled maintenance periods each year) by the University of Hawaii. The EA signal is transmitted to all neighbor island access centers via the analog Hawaii Interactive Television System (HITS) for use on a consolidated statewide single channel position (55) for higher education. TEC provides opportunities for degree programs and lifelong learning via its cablecast programming. The TEC programming mix includes local productions of credit and non-credit programs which are produced through a partnership composed of the University of Hawaii at Manoa, University of Hawaii at Hilo, Honolulu Community College, Kapiolani Community College, Kauai Community College, Leeward Community College.

Other programming on TEC includes educational material from Annenberg; the PBS Adult Learner Service (ALS); and, the U.S. Department of Education.

2. Oceanic Time Warner Cable Channel 56 -The EA Channel (TEACH) hosts a combination of programming developed by the Teleschool branch of the Hawaii Department of Education. The TEACH channel is programmed by the HDOE on a 24x7 basis. TEACH primarily provides access to educational programming produced for, by and about preschool students through grade 12. In addition, the channel hosts staff development and community programming primarily for those associated with education--as well as other adult learning venues. On Oahu programs and rebroadcasts are scheduled by Teleschool during the approximate hours of: Monday through Friday from 8:00 A.M. - 10:00 P.M., Saturday from 8:00 A.M. - 4:00 P.M., and Sundays from 8:00 A.M. - 12:00 P.M. 'Olelo programs the TEACH channel during the hours not listed above. The Teleschool signal is made available via HITS to all access centers statewide on a 24 hour basis for scheduling as determined by each Public, Education and Government (PEG) entity.

A calendar of all scheduled breaks, holidays and maintenance downtimes for both channels can be found in Appendix 2 and 3 of the 2005 EA Annual Plan.

Section 1.2.0 - The Programming

The following table summarizes the hours of programming activity for both of the Educational Access channels. This data is derived from the unaudited information provided by each entities' benchmark report. Both of the reports, as well as the previous year summary, can be found in Appendix 1 and 2 of this document. The summary of the hours of programming supplied by the UH and the HDOE for 2003 and 2004 is as follows:

Educational Access Programming for Calendar Year 2003 & 2004	Total Hours of Programming		Hours of Locally Produced Programming		Hours of Repeat Programming	
	2004	2003	2004	2003	2004	2003
TEC - Channel 55 -- University of Hawaii	7,763	8,314	3,403	4,319	3,319	2,783
TEACH - Channel 56 -- HDOE/Teleschool	7,737	7,074	2,531	2,450	3,164	3,014
Total for EA Channels	15,500	15,388	5,934	6,769	6,483	5,797

Section 1.3.0 - Other Channel Related Issues and Initiatives

In accordance with the terms of the Education Access Agreement, HENC is asked to identify and make necessary recommendations relating to the programming issues of the educational institutions. HENC has identified the following two discussion items:

1. During the TEC channel's technical maintenance down times defined in the Annual Plan, the University of Hawaii and 'Olelo need to do a better job of defining exactly what programming will be used during the defined breaks. The UH provides a Research Channel feed for use during these periods, but it is not been clear what programming will air while 'Olelo programs the channel. A recent example of the problem was during the December 2004 break. The feed from the Research Channel was widely used during this period with some excellent educational programming relating to sophisticated medical information and procedures--but none of this programming was listed in the print or online channel schedules (ex. Educational Access 3 hours). This makes both promotion and informing the potential viewer ship of this programming very difficult.

2. For the second year in a row the UH reported problems with the print and on-air schedule for Channel 55 following the December 2005 Winter break. Locally published information did not include the cable cast times of the new semester class schedule. This is unfortunate since many students and the general public rely on this information--particularly at the start of the semester. It is important for both the UH and 'Olelo to double check this information so that the printed schedules accurately reflect the programming that is being aired.

This report also finds that Educational Access will actively proceed with the following two projects identified during the reporting period:

1. During 2005 EA will define a complete list of under used local programming resources. These will include current programming that is produced locally but does not receive an adequate amount of air time during the year. Once a list has been assembled such programming can be made available to all entities programming either of the two educational access channels and others if interest is expressed.

2. During the upcoming year EA would like to examine the use of jointly licensed music on Oahu PEG channels. Licensed music is

one of the most identified problems relating to the video that is student generated through the Hawaii Schools Digital Media (HSDM) initiative.

In accordance with the terms of the EA Agreement, HENC is to regularly identify any recommendations of programming needs of the educational institutions as they relate to channel capacity. Other than the issues discussed above, HENC has not identified any other channel related issues or scheduling conflicts that require resolution.

Section 2.0.0 - EA Funding Summary

The following is a summary of all Educational Access funds disbursed during 2004:

Section 2.1.0 - 2004 Recommended Funding

Total 2004 Educational Access Allotment: \$ 988,014.50

PLANNED EXPENDITURES

Department of Education, State of Hawaii

Core Programming: \$ 336,276.00
Supplemental Programming: \$ 00,000.00
Total 2004 HDOE Award: <\$ 336,276.00>

Hawaii Association of Independent Schools

Core Programming (1st 1/2 Year): \$ 31,250.00
Core Programming (2nd 1/2 Year): \$ 31,250.00
HSDM Supplemental Programming: \$ 50,000.00
Total 2004 HAIS Award to date: <\$112,500.00>

University of Hawaii

Core Programming: \$ 393,724.00
Supplemental Programming: \$ 00,000.00
Total 2004 UH Award: <\$ 393,724.00>

Audited EA Overpayment Refund to Oceanic: <\$ 34,824.00>
2004 HENC Educational Access Management Fee: <\$ 40,000.00>

ENDING BALANCE

Balance of Educational Access Funding:

\$ 70,940.50

At the close of 2004 Educational Access was assessing the best use for the remaining funding. Any plans for the use of this funding will be described in detail in future reports and disbursements will be requested in writing. As required under the terms of the Educational Access agreement, HENC executed individual agreements with each of the 2004 award recipients. These agreements set forth the terms and conditions regarding the amount of the award, use of the funds, reporting requirements, and other matters deemed appropriate by HENC for purposes of accountability.

Section 3.0.0 - The 2004 EA Reports

During 2004, the Hawaii Educational Networking Consortium recommended three awards for the purpose of developing and delivering educational programming and services on the Oahu TEC and TEACH channels. The annual reports for each of the three awards are below:

Section 3.1.0 - Award No. 1 - *HDOE/Teleschool***Section 3.1.1 - Award No. 1 - HDOE - The Year in Review**

The calendar year of 2004 marks the first full reporting year of providing HDOE cablecast statewide on a 24x7 basis. During weekdays, HDOE's cablecast programming which is aired from 8:00 A.M. to 11:30 A.M. is generally filled with a distance learning focus. From 11:30 A.M. to 2:00 P.M. during the week the Teleschool's lineup includes mixed educational programming. The time slot from 2:00 P.M. to 5:30 P.M. is programmed to accommodate professional development, and the time period from 5:30 P.M. to 10:00 P.M. relates to adult and community education. 'Olelo continues to program Teleschool's off hours on Oahu. A complete list of all HDOE 2004 programming is included in Appendix 3.

During 2004 Teleschool has undergone a number of changes due to the departure of long time KidScience teacher Patty Miller and the retirement of the EARTH series instructor. Teleschool has taken this opportunity to build a key example of programming centered around exemplary, standards-based units that helps to raise expectations and directly address the Hawaii Content and Performance Standards. HDOE's latest example of such programming is the new program entitled KidsPhysics. Along with the extensive video portions of the class, HDOE has developed a four part, 166 page student notebook to support the on-air activities. The KidPhysics series also has a 234 page teacher guide to help support the classroom instructor.

For the reporting period the HDOE has completed the vast majority of their planned schedule items during the 2004 cablecast year (see Section 4.0.5, page

7 of the 2004 EA Plan) and the majority of their ongoing objectives that were defined for the calendar year and beyond.

During the cablecast year Teleschool has cablecast some forty courses that are for credit and sixty that are non-credit. The HDOE has continued to air its core distance learning programming as specified in the plan. Examples of this programming include: AP Calculus; AP Statistics; KidScience 4, 5, 6; KidScience Specials; EARTH 3, 4, 5, 6; Exploring the Islands 3, 4; Music Factory Live 3, 4; and, Voices and Wings 5, 6. Examples of other Teleschool programming includes: GED Math/Social Studies/Writing; Hola Hola; Moshi Moshi; Gifts of the Heart; HAIS Issues & Perspectives; Lessons in Leadership; HAIS Presents; Reinventing Education in Hawaii; Hawaii Schools Digital Showcase (HSDS); Speak Chinese; Modern History of Hawaii; and, Song Works (see Appendix 3 for a complete list of all HDOE programming).

Teleschool also has completed (according to their plan schedule) the development of programming relating to in-service training and educational issues. These include: DASH; Blood borne Pathogens; Tech Talk 2004-05; Gear Up Tutor Training; Hands on Assistive Learning; Artists of Hawaii; ViewPoints; School Connections; Road to National Board Certification; On Location; and, Reading First.

Teleschool also continues to distribute the following Annenberg series: Elementary Math; World of Chemistry; Case Studies in Science Education; Creating a Climate for Change; Journey North; Learning Science Through Inquiry; Mechanical Universe; The Missing Link; Primary Sources; Principles for Principals; Science in Focus: Force and Motion; Seasons of Life; Shedding Light on Science; and, Teaching Math.

Section 3.1.2 - Other Notable HDOE Activities for 2004

Other notable Teleschool local programming activities during 2004 include:

During the 2004 election year Teleschool partnered in the production and distribution of the *Kids Voting Hawaii* programming. Teleschool worked with members of the Hawaii Alpha Delta Kappa educational sorority to produce an informative and instructional video about a project that supports the importance of voting in a democratic society. As part of the partnership *Kids Voting Hawaii* videos were distributed to each of the public K-12 schools.

Teleschool also partnered with Hawaii Association of Independent Schools (HAIS) to provide infrastructure support for the grant review, distribution and subsequent cable programming relating to the Hawaii Schools Digital Media (HSDM) grant program. More details relating to the 2004 initiative can be found in Appendix 6.

Teleschool continues to distribute a regular email newsletter informing the recipients of their upcoming distance learning cablecast schedule and other HDOE activities. Current and complete information regarding Teleschool's programming is available 24 hours a day via the Internet at:

<http://www.teleschool.k12.hi.us/>

Section 3.1.3 - HDOE - Supplemental Programming

There were no new funds allotted to Teleschool during 2004 for Supplemental Programming (SP) activities. Two Teleschool Supplemental Programming projects funded late in 2003 are progressing (see Appendix 5, page 33 of 2003 Annual Report for full description). The two, 10 part projects entitled: "News in the Making: Video Production For Elementary Teachers" and "Pacific Archeology" have both completed capturing their raw footage and are in the process of editing.

Follow up on the above programming and any further use of the remaining 2004 EA funds will be detailed in future reports.

Section 3.1.4 - Award No. 1 - HDOE - Benchmark Update

The Educational Access Plan for 2004 detailed the following four Teleschool objectives which constitutes the framework for measure of the HDOE project. Each of the planned benchmarks are in bold below and the report comments follow.

Benchmark #1 - Enhance local programming with the development and airing of two new series.

During 2004 Teleschool completed one new series and moved two more much closer to completion. The status of new Teleschool local programming for 2004 is as follows:

Staff Development

Five modules for this series have been taped and are nearing completion. This series will address: Leadership Skills; Standards Implementation; Rubrics; Assessment; and, Standards-based Report Cards. This series will likely premier Summer of 2005.

K-1 Character Education

This programming features locally animated characters who perform songs focusing on nine character attributes which include: thankfulness; caring; cooperation; courage; honesty; justice; perseverance; respect; and, responsibility. This series will likely premier Summer of 2005.

KidPhysics

This new local production (discussed in Section 3.1.0) was completed along with the users guides during 2004. This series is currently scheduled to air Spring 2005.

Benchmark #2 - Increase programming hours of courses available by a minimum of 5% (credit, non credit programming).

Overall the total HDOE programming numbers are up more than 9% from the previous year. The total local programming hours increased 3% and the hours of repeat programming were up nearly 5%. Credit and non-credit programming hours for Channel 56 fell by more than 2% during 2004.

Benchmark #3 - Facilitate access to and the availability of student produced video statewide.

Starting in January 2004 the TEACH channel expanded production and air times for the emerging monthly program entitled the *Hawaii Schools Digital Showcase* (HSDS). This student-based video show was transformed to a full hour of student created productions featuring elementary, middle, and high school videos from Hawaii's private and public schools. During the reporting period video programs submitted by the schools included a broad variety of subject matter including: public service announcements; news reporting; skits; mini-documentaries; music video; and interviews. With Teleschool's support each school's stand alone segment is framed with volunteer student guest hosts introducing the scene. Each monthly program also features a "Video Tip of the Day" section to help upgrade the viewer's skills.

Benchmark #4 - Provide equitable access for instructional and professional development services to learners in remote areas.

2004 marks the first full year that the HDOE cablecast their educational line-up on a 24x7 basis (including weekends and holidays). Since September 2003 Teleschool has been providing the TEC channel feed to all neighbor island PEG access centers. Through the use of the HITS system the HDOE can distribute their signal on a 24x7 basis to previously less served areas.

The addition of a statewide channel for K-12 adds value for both students and educational professionals. With the advent of 24x7 programming HDOE is poised to support teacher quality through effective professional development training using cablecasting as a primary conduit for professional development for HDOE's more than 13,000 faculty and staff during non-school hours.

The reach of Teleschool's distance learning programs is also extended through a partnership with KHET, PBS Hawaii. Programming such as Exploring the Islands; Voices & Wings; Art Smarts; Earth; New Music Factory Live; and KidScience Specials were all aired regularly on public television during 2004.

Section 3.1.5 - Award No. 1 - HDOE Financial Review

The income and expenditures of the HDOE Teleschool for the 2004 calendar year were as planned. As reported previously all of the Core Programming funds are held within a single trust fund account which is independent of other HDOE/Teleschool funds. No outstanding issues relating to the trust fund account were identified for 2004.

Section 3.1.6 - Award No. 1 - HDOE Year-End Summary

For 2004 the HDOE continued to program the Educational Access TEACH channel on a 24x7 basis. During this reporting period Teleschool provided over 7,700 hours of educational programming statewide to the viewing public via Channel 56.

Because of the enormity, scope and diversity of the HDOE it is challenging to assess the level of the impact of Educational Access programming and the task has become even more difficult with the statewide 24x7 format. The Teleschool's best estimate is that roughly one out of every four students, faculty and staff participate in HDOE cable access programs during a school year.

During the reporting period Teleschool has undergone a number of instructor changes due to the departure of long time Teleschool instructors. Teleschool has taken this opportunity to transform various aspects of the HDOE Distance Learning programming. The goal is to build exemplary, standards-based units that raise expectations and directly address the Hawaii Content and Performance Standards. In their final form these new programming units will include assessments and rubrics that tie in to both the Hawaii State Assessments and the Federal requirements for No Child Left Behind. The example of the new Teleschool program KidPhysics is an outstanding model of results driven, standards-based programming. Hopefully this program will serve as a catalyst for future programming.

Section 3.2.0 - Award No. 2 - HAIS

Section 3.2.1 - HAIS - The Year in Review

During the 2004 review period HAIS continued with their steady progress toward all of their defined schedule and their 2004 objectives. During the reporting period HAIS delivered twenty-two new programs to both the TEC and TEACH channels for scheduling, first cablecast and subsequent replay. HAIS continues to fill their regular programming slots on both the TEC and TEACH Channels.

Three new "HAIS Issues & Perspectives" programs were completed during the review period. The programs feature timely topics of interest to both public and private schools. The following programs have been completed and delivered for airing:

1. David Lawrence Jr. (1 of 2) (30 minutes);
2. David Lawrence Jr. (2 of 2) (30 minutes); and,
3. Good Beginnings: School Readiness Summit (30 minutes).

During 2004 HAIS produced 12 programs in their series entitled "Lessons in Leadership". The following programs have been completed and delivered for scheduling:

1. Dwight Kealoha (30 minutes);
2. David Heenan (30 minutes);
3. Ethan Abbott & David Fairbanks (30 minutes);
4. Jim Bell (30 minutes);
5. Rod McPhee (30 minutes);
6. Hazel Sumile (1 of 2) (30 minutes);
7. Hazel Sumile (2 of 2) (30 minutes).
8. Duncan MacNaughton & Will Hancock (30 minutes);
9. Robert Midkiff (30 minutes);
10. Al Castle & Rod McPhee (30 minutes);
11. Val Iwashita & Lou Salza (1 of 2) (30 minutes); and,
12. Val Iwashita & Lou Salza (1 of 2) (30 minutes).

The following four "HAIS Presents" programs were produced during the reporting period:

1. Dr. JoAnn Deak (1 of 2) (30 minutes);
2. Dr. JoAnn Deak (2 of 2) (30 minutes);
3. Ho`okako`o Principals & Complex Forum (1 of 2); (30 minutes); and,
4. Ho`okako`o Principals & Complex Forum (2 of 2) (30 minutes).

During 2004 HAIS also produced three in a series entitled: "Reinventing Education in Hawaii." This programming included:

1. Farrington High School (60 min);
2. Mari Matsuda & Charles Lawrence (1 of 2) (30 minutes); and,
3. Mari Matsuda & Charles Lawrence (2 of 2) (30 minutes).

HAIS believes that all of the above programming will be of interest to the general public and is also designed to inform the viewer on emerging school issues, both public and private.

Section 3.2.2 - Supplemental Programming

During 2004 HAIS was awarded a total of \$50,000 for a project proposal entitled the Hawaii Schools Digital Media (HSDM) grant initiative. In October of 2004 this award was recommended and funded by 'Olelo. Shortly thereafter HAIS issued checks totaling \$50,000 directly to public and private schools through a grant proposal process.

The 2004 HSDM grants, which averaged around \$1,400, provide seed capital for equipment and training related to developing or expanding classroom use of video and "digital media" technologies. Digital media can be defined as the combined use of computers, video and sophisticated editing and presentation software applications to convey a message. In turn for the grant, the schools are expected to create student video programming to be submitted for possible inclusion in a monthly one hour student video showcase to be cablecast statewide on the Public, Education and Government (PEG) access channels. The programs are currently airing on Tuesdays from 4 P.M. to 5 P.M.; Thursdays from 12 P.M. to 1 P.M. and Saturdays from 9 A.M. to 10 A.M. on Oceanic Channel 56.

HAIS provided oversight of this project and assisted with the proposal, award guidelines, application, review process, and check issuance.

Section 3.2.3 - HAIS - Benchmark Update

As defined in the 2004 Plan (see Section 4.1.7 page 12 of 2004 EA Plan) the following five benchmarks are to be used to report and to evaluate HAIS' year of activities. The outcome of the 2004 activities for HAIS is as follows:

Benchmark #1 - Deliver a minimum of six *HAIS Issues and Perspectives*.

During 2005 HAIS produced two in their series *HAIS Issues and Perspectives* and continued development of a new series of twelve programs under the title "Lessons in Leadership".

Benchmark #2 - Generate at least three "HAIS Presents" cable programs.
HAIS completed four programs in their "HAIS Presents" series during the reporting period.

Benchmark #3 - Provide continuing management and administrative support for the ongoing development of the Hawaii Schools Digital Media Initiative.

HAIS again provided the management and oversight of the 2004-05 Hawaii Schools Digital Media grant program which was detailed in Section 3.2.2. HAIS dispersed \$50,000 directly to thirty-six public and private K-12 schools (see Appendix 5 for names of schools receiving funding).

Benchmark #4 - Produce at least three HAIS Special Assignments.

Three "HAIS Special Assignment" programs were produced during the reporting period. These programs are reported under the name "Reinventing Education in Hawaii."

Benchmark #5 - Conceive and produce at least one P-20 Programming featuring early childhood education.

HAIS produced one program from their "HAIS Issues and Perspective" series during 2004 focusing upon early childhood education and the 2004 School Readiness Summit.

Section 3.2.4 - HAIS - Year-End Financial Review

All EA funds that are awarded to Hawaii Association of Independent Schools are accounted for independently of other HAIS funding. No problems or deficiencies were identified relating to the EA/HAIS financials for the reporting year 2004.

Section 3.2.5 - HAIS Year-End Summary

During 2004 HAIS completed all of the proposed benchmark measurements that were defined in the 2004 Annual Plan. All of the hours of programming provided by HAIS are included in the hours section of "locally produced programming" found in the table on page 2 of this report.

The programming provided by HAIS supplies an added dimension to the Educational Access channels and helps to round out the programming compiled by the HDOE and UH. To help with an ongoing problem on both channels HAIS will consider producing a series of short-subject programs to assist in filling the frequent and recurring slots left by course activities on both EA channels that do not end on the hour.

As a whole, solid progress toward the HAIS plan and the continuing production of alternate local programming for the two Educational Access channels has been the outcome.

Section 3.3.0 - Award No. 3. - *University of Hawaii*

Section 3.3.1 - UH - The Year in Review

During the reporting period the Distributed Learning and User Services (DLUS) department of the University of Hawaii continued to program the TEC Channel on a 24 hour, 7 day a week basis. The channel provides for the delivery of an Associate of Arts (AA) degree with reliance upon Educational Access cable, the Internet and interactive television.

As documented in the following pages, during the calendar year 2004, the UH reached or surpassed all of their defined benchmarks as detailed in the 2004 Educational Access Plan. For this reporting period the UH cablecast a total of 67 credit courses. The enrollment in these courses for 2004 totaled 1,762 students (up from the 1,596 enrollment figure of 2003).

Overall the hours of total programming by the UH fell around 7% and the hours of local programming for 2004 were down 21%. As reported in the 2004 mid-year report, this reduction is primarily due to fewer course offerings by the UH community colleges during the Summer Sessions. This reduction can largely be attributed to Summer school tuitions which are traditionally much higher (by upwards of a factor of more than 200%) than tuition during the traditional academic year. During 2004 the Community Colleges reacted by not offering as many courses due to the anticipated low enrollment during the Summer.

In addition to credit courses, the UH continues to schedule more than 2,200 hours of informational programming that support the UH's equity and outreach mission. More than 1/2 of the TEC channel's hours of informational programming were produced locally.

During 2004 the UH continued to apply the Principles of Good Practice for electronically offered degree programs. Additional information about programming, course scheduling, cable access or any of the University of Hawaii's distance learning programs can be found on their Website located at: <http://www.hawaii.edu/uhcc.e-learn/>

Section 3.3.2 - UH Framework for Measure - 2004

During 2004 the University of Hawaii has been attentive to the goals and objectives defined in their 2004 Plan (see Section 4.2.3, page 14 of the 2004 EA Plan). The UH has consistently provided EA programming on 24x7 basis for Oahu Channel 55 as well as delivering a 24 hour signal to all neighbor island access centers. For the most part the UH programming focuses on credit courses which allow students to regularly advance toward an AA degree.

The following five benchmarks are defined in the plan for the purposes of assessment of this project. This 2004 Annual Report outlines UH's progress toward the following tasks:

Benchmark #1 - Produce three new credit courses or equivalent during 2004.

During 2004 the UH decided to focus on new credit course rather than revising more of the aging courses (see Benchmark #2, below). The seven new programs produced during 2004 include:

- 1) Anthropology 200;
- 2) Exercise and Sport Science 100;
- 3) Food Science and Human Education 103;
- 4) Food Science and Human Education 185;
- 5) Japanese 131;
- 6) Microbiology 130; and,
- 7) Philosophy 100.

Of the seven new courses listed above Food Science and Human Education 185 and Microbiology 130 were aired starting in the Fall of 2004.

Benchmark #2 - Revise six previously produced credit courses during 2004.

In addition to the above new programming, four revised UH programs relating to the Associate of Arts degree have been completed during 2004. The four revised programs include:

- 1) Geology 101;
- 2) History 151;
- 3) History 152; and,
- 4) Speech 151.

All four of the above credit courses were revised during 2004 and were aired starting in the Fall of 2004.

Benchmark #3 - Provide approximately 15 credit courses, one certificate program and related 24x7 cable programming each semester of the academic year.

The UH completed 67 credit courses during the 2004 year (36 during the 2004 Spring and Summer I; and, 31 during Summer II and Fall 2004). While the total number of credit courses for 2004 was down slightly from the previous year, the number of students enrolled in the credit courses that were offered was up more than 10%. Emergency Medical Service was the one complete certificate program

series offered during 2004 other programming during 2004 that integrates a certificate component included DASH.

The UH provides a 24 hour signal to all access entities for use at their own discretion via the HITS microwave system. As stewards of this cable feed the UH tailors neighbor island signals so that they do not include programming specific to Oahu (i.e. if a cable course is only available on Oahu, the signal transmitted to neighbor islands access centers does not include this programming).

Benchmark #4 - Update the AA degree program for distance learning.

The UH system continues to methodically bring up to date it's online package of services relating to its distance offering of the AA Degree. During 2004 the funds from this award has provided for the addition of seven new classes to their AA degree program. This is exceptional progress toward UH's goal of providing quality credit course offerings via distance education technologies. The updating of older courses and the addition of new courses during 2004 has helped to insure continuous availability of necessary AA degree class programming with some flexibility for students in scheduling.

During the reporting period the UH assembled a consolidated two-year calendar of distance learning classes that will be regularly offered each semester through the Summer of 2006. A Portable Document Format (PDF) of this preview of distance learning classes can be found at:
<http://www.hawaii.edu/uicc.e-learn/preview.pdf>

Benchmark #5 - Provide for appropriate support services to students working toward their AA degree.

The UH continues to maintain student support services via the Internet and the telephone. A help desk provides the University of Hawaii community with a single, efficient resource for information. During the school year prospective and existing students can call the help desk for support or information from Monday - Thursday: 8:00 A.M. - 9:30 P.M., Friday: 8:00 A.M. - 4:30 P.M. On Oahu, students can call 956-8883 and toll-free from neighbor islands at 1-800-342-7949 for complete access to an array of services.

The Internet also provides students with 24x7 access to information relating to library services, financial aid and academic advising. The UH also continues to expand access to classes via a video web server. With the approval of faculty, individual courses are made available in cycles of two-weeks to eliminate the frequent "I missed the taping" trouble calls.

These services all aid in systematic planning for an AA degree. Complete degree information can be found at: <http://www.hawaii.edu/uicc.e-learn/>

Section 3.3.3 - Other Notable UH Activities for 2004

Other notable UH local programming and service activities during 2004 include:

As a community service the UH made available the transmission of the 2004 Legislative Session to all Neighbor Island access entities through its HITS network. The PEG Access organizations in each county were free to use as much of this governmental programming as airtime permitted and as they individually deem appropriate.

New informational programming that was locally produced during 2004 includes: Chef's Classroom; Convocation 2004; CTAHR Show; Distinguished Lecture Series; Focus on UHH; Hawaii Procurement Institute-Wage Compliance Assistance Conference; High Tech Hawaii; Island Connections; Kai 'Ewalu; Kipapa Lecture Series; Legally Speaking; Maui Weather; New Economy – Town Hall Series; and, You and the Law.

Section 3.3.4 - UH - Supplemental Programming Summary

There were no additional funds allotted to the UH during 2004 for Supplemental Programming. As reported earlier, production on two, 20 part series identified as "Native Hawaiian Center Series" and "Polynesian Voyaging and Hawaii" (see Appendix 5, page 33 of 2003 Annual Report for description) has begun. Unfortunately the main producer for the series is currently on assignment in Iraq. Since the producer's position must remain open, the best of the options for the series is to suspend production until a later time. Fortunately much of the existing work will not age and will remain viable when it is readdressed. Future EA reports will track this programming.

Section 3.3.5 - UH - Annual Financial Review

Expenditures for 2004 for the UH were made according to plan. All funds for the UH award are deposited and expended from a single stand-alone account administered financially through the University of Hawaii's, Office of Research Services. The funds are not co-mingled with other UH funds. There were no problems or deficiencies identified during the reporting period.

Section 3.3.6 - UH - Year-End Summary

During the first six months of the year the UH has kept pace on fulfilling their benchmarks and objectives as defined in their 2004 plan. During this reporting period the UH provided over 7,700 hours of important educational programming statewide to the viewing public via TEC, Channel 55. The signal for Channel 55 is continuously transmitted to all neighbor island Access Centers for their use.

Notably, the signal is tailored so that the feed does not include course programming that is not available to residents of the neighbor island.

The UH should be praised for devising a method of continually updating its credit programming while maintaining a focus on quality informational programming. As a rule EA funds are only awarded to programming with a three year shelf life. This programming must also air a minimum of two times during this three years and all EA programming must be revised within five years (or less). Maintaining these standards is accomplished by convening regular meetings of the UH-Oahu Cable Advisory Group to consistently formulate, approve and produce educational access programming.

During 2005 the UH will also revisit what they have previously defined as their certificate programming efforts. Because the designation of a "formal" certificate program requires the approval of the University of Hawaii Board of Regents any future focus will largely be upon "informal" educational programming. It is envisioned that such programming will address the requested needs and wants of the education community as they relate to the demands of workforce development.

Section 4.0 - Educational Access Summary

In six reporting years since the agreement was signed the two Educational Access channels have experienced a combined increase in total programming hours of 73% and an increase in local programming hours of 84%.

Both channels are providing approximately 7,700 hours each of programming. By all accounts this is likely near the peak of both channels. Future numbers will likely vary only in small increments. In the future the channels will focus on the task of optimizing the use and value of these channels for viewing residents of Hawaii.

The Hawaii Educational Networking Consortium is pleased with the outcome being reported on both of the Educational Access Channels on Oahu for 2004. This report attests to the availability of more than 15,000 hours of Educational Access cablecasts. HENC would like to thank the UH for its use of the HITS network to make all of the hours of programming attested to in this report available to PEG access centers statewide.

During the reporting period collaboration with 'Olelo continues to gain momentum. HAIS/Teleschool and 'Olelo have teamed to provide for the training of teachers and EA continues to build a database of K-12 instructors who have completed basic training in one of the most prominent video editing software programs currently in use in K-12 schools.

For the second year Educational Access has supported a project known as the Hawaii Schools Digital Media (HSDM) initiative. This project helps to influence both public and private K-12 schools statewide to incorporate digital media technologies into their curriculum. While conceived independently, the ongoing Hawaii Schools Digital Media initiative goes hand in hand with 'Olelo's YouthXchange awards for student video which also helps to build critical mass in the schools. Interestingly enough during the first year of the HSDM project, grants were presented to 68% of year one YouthXchange award winner and 49% of all of the finalist received HSDM year one funding.

This 2004 Annual Report is believed to be in full compliance with the terms of the Educational Access Agreement signed in 1998. If this is not found to be the case the Education Program Manager will attempt to resolve any issues, concerns or conflicts with 'Olelo and/or the Department of Commerce and Consumer Affairs relating to the matters covered in this document. This report will be made available online via the HENC website: <http://www2.hawaii.edu/~henc/>

The following individual will act as the primary contact for this report:

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The Consortium would like to thank 'Olelo for allowing the Hawaii Educational Networking Consortium to facilitate the ongoing process of reporting and planning for Oahu's Educational Access activities.

Section 5.0 - Appendices

Appendix 1. - UH 2004 Benchmark Matrix & Program Listing

Appendix 2. - UH 2003 Educational Access Progress Report

Appendix 3. - HDOE 2004 Benchmark Matrix & Program Listing

Appendix 4. - HDOE 2003 Educational Access Progress Report

Appendix 5. - 2004 HSDM Grant Initiative

Appendix 1.

UH 2004 Benchmark Matrix & Program Listing

UH 2004 Educational Access Progress Report

Name of Grantee: University of Hawaii
 Contact Person: Hae K. Okimoto

Dates Covered in this Report:
 January 1 - December 31, 2004

UNITS OF MEASURE	Spring & Summer I 2004	Summer II & Fall 2004	Year to Date
number of hours of credit courses*	1170	1007	2177
• locally produced	1095	962	2057
• purchased/ produced elsewhere	75	45	120
• live	205	118	323
• tape delayed	890	844	1734
• rebroadcast	1424	1037	2461
number of hours of non-credit programs*	19	20	39
• locally produced	19	20	39
• purchased/ produced elsewhere	0		0
• live	0		0
• tape delayed	19	20	39
• rebroadcast	23	35	58
number of hours of informational programs*	1349	879	2228
• locally produced	1002	305	1307
• purchased/ produced elsewhere	347	574	921
• live	1020	55	1075
• tape delayed	329	838	1167
• rebroadcast	388	412	800
number of credit courses	36	31	67
number of non-credit programs	2	2	4
number of informational programs (local)	57	72	129
number of students enrolled in credit courses	905	857	1762

* 1st broadcast, does not include rebroadcasts

Significant Achievements

**Channel 55 Programming List:
January 1, 2004 through December 31, 2004**

Credit Courses – Spring 2004

Accounting 132	History 151
Accounting 201	History 152
Accounting 202	History 242
Agriculture 194 C	History 282
Anthropology 200	Information Computer Science 190
Biology 100	Math 50C
Botany 130	Math 100
DASH	Math 115
English Lang. Intensive 4	Microbiology 130
English 209WI	Music 106
English 210	Pharmacology 203
English 256 WI	Psychology 202
English 257x WI	Science 122
Fire Science 101	Speech 151
Food Sci & Human Nutrition 185	Speech 181
Geology 101	Womens Studies 202
Geology 103	

Credit Courses – Summer Session 1 2004

Anthropology 200	Math 115
Food Sci & Human Nutrition 185	Microbiology 130

Credit Courses – Summer 2

Geology 101	Science 122
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Credit Courses – Fall 2004

Accounting 201	English 256 WI
Accounting 202	English 257x WI
Administration of Justice 221	Food Sci & Human Nutrition 185
Agriculture 194D	Geology 101
Anthropology 200	Geology 103
Biology 100	History 151
Biology 100L	History 152
Botany 130	History 281
Chemistry 151	Math 50C
DASH (ITE 582)	Math 100
English 210 WI	Math 115

Microbiology 130
Music 106
Psychology 100

Science 122
Speech 151
Speech 181

**Non-Credit
Locally Produced**

Emergency Medical Service

Communication Skills On the Job

**Informational
Locally Produced**

BOR Candidates Forum
CBA Asia Moot Court 2003
CBA Business Plan Competition
Chef's Classroom
Convocation 2004
CTAHR Show
Distinguished Lecture Series
Emeritus College *
ETEC Connections
Focus on UHH
Frontiers of Astronomy
HAIS Invitation to Teach
HAIS Specials *

Hawaii Procurement Institute-Wage
Compliance Assistance Conference
High Profile
High Tech Hawaii
Island Connections*
Kai 'Ewalu*
Kipapa Lecture Series
Legally Speaking
Living in a Global World
Maui Weather
New Economy – Town Hall Series
Pacific Identities
You & the Law *

** indicates programming supported by Supplemental Funds*

Emeritus College Programs (* = collaboration with College of Tropical Ag)

55-Alive/Mature Driving
Agriculture and Human Resources)
Active Listening
Aging & Physical Activity
Assertiveness Training
Banking and Credit*
Being a Grandparent
Cooking Healthy and Light
Deciding What If*
Dinosaurs
Effective Use of Estate Planning-
Techniques to Take Charge of Your
Money*
Enhancing Your Memory
Exercise for Seniors–The Right Way
Hawaii's Volunteers

It's Your Money*
Oral History in Hawaii
Preparing to Plan*
Retirement – What Works? Planning
Your Security and Freedom in
Retirement*
Romance for Life
Searching for the Fountain of Youth
Stress Management & Relaxation
Understanding Insurance*
What Do I Own? *
Wine Appreciation

Non-Local Programming

Annenberg CPB

Author, Author

Destination Tomorrow

Exploring the Diversity of Life

Research Channel programs

Teaching for Critical Thinking

Universal Access to Computing

Appendix 2.

UH 2003 EA Progress Report

UH 2003 Educational Access Progress Report

Name of Grantee: University of Hawaii

Contact Person: Hae K. Okimoto

Dates Covered in this Report:

January 1 - December 31, 2003

UNITS OF MEASURE	Spring & Summer I 2003	Summer II & Fall 2003	Year to Date
number of hours of credit courses*	2220	1633	3853
• locally produced	2145	1350	3495
• purchased/ produced elsewhere	75	43	118
• live	152	504	656
• tape delayed	2068	1129	3197
• rebroadcast	1280	1169	2449
number of hours of non-credit programs*	16	16	16
• locally produced	16	16	16
• purchased/ produced elsewhere	0	0	0
• live	0	0	0
• tape delayed	16	16	16
• rebroadcast	16	16	16
number of hours of informational programs*	413.5	1248.25	1661.75
• locally produced	360.5	447.25	807.75
• purchased/ produced elsewhere	53	801	854
• live	140	75.5	215.5
• tape delayed	273.5	1172.75	1446.25
• rebroadcast	128	189.75	317.75
number of credit courses	33	42	75
number of non-credit programs	1	1	2
number of informational programs (local)	16	20	36
number of students enrolled in credit courses	657	939	1596

* 1st broadcast, does not include rebroadcasts

Significant Achievements

Additional Program segments produced:

Kipapa Lecture Series, New Economy Town Meetings, Living w/ Health, Planning for Life.

Transmission of 2004 Legislative Session live to Neighbor Island Access Entities via HITS.

24x7 transmission to all islands.

Channel 55 throughout the State is Higher Ed.

Appendix 3.

HDOE 2004 Benchmark Matrix & Program Listing

Attachment A

HDOE 2004 Educational Access Progress Report

Name of Grantee: Hawaii State Department of Education/Teleschool

Contact Person: Geriann Hong

Dates Covered in this Report: January 1, 2004 to December 31, 2004

UNITS OF MEASURE	Spring 2004	Fall 2004	YEAR TO DATE
Number of hours of programming	3511	4226	7737
Number of hours of credit courses			
• Live	588	592	1180
• Taped delayed	141	122	263
• Rebroadcast	140	122	262
Number of hours of non-credit programs			
• Live	93	136	229
• Taped delayed	447	412	859
• Rebroadcast	448	412	860
Number of hours of educational programming			
From non HDOE Institutions			
• Taped delayed	827	1215	2042
• Rebroadcast	827	1215	2042
Number of students enrolled/using programs*	22,875	22,875	45,750

* This number is only a broadly defined estimate as the HDOE has no official student registration reporting requirements for Teleschool course usage.

**Channel 56 Programming List:
January 1, 2004 through December 31, 2004**

Credit Programming

Advanced Guidance
AP Calculus
AP Statistics
Art-I-Facts
Arts Smart
Bloodborne Pathogens
Dash
EARTH 3
EARTH 4
EARTH 5
EARTH 5
E-School
Exploring the Islands
Exploring the World of Music
Gear Up Tutor Training
GED Connection
GED Math
GED Social Studies
GED Writing
Hands on Assistive Learning
Hola Hola
Hoomau
Ke Ao Nei
KidScience 4
KidScience 5
KidScience 6
KidScience on the Move
KSBE Economics
KSBE Hawaiian History
Kulaiwi
Modern History of Hawaii
Moshi Moshi
Music Factory
Na Kii Hana Noeau
Ohia Project
Real Life Art
Road to National Board Certification
Song Works
Teaching Math
Voices and Wings

Non-credit programming

About Safety
Ancient Warriors
Apoha: A fish Story
BOE Student Council
Children of the World
Clean Water in the Pacific
Contemporary Hawaiian Quilts
Conversations in Literature
Create a Craft
Designer Drugs
DOE Sexual Harassment
Dragon's Tongue
E Malama
Eazy Strummin
Eazy Stuff
Eazy Tunes
Eazy Tunes Special
ECELL
Endless energy
Financing your Future I
Financing your Future II
Focus on Families
Gifts from the Heart
Hail to the Chief
HAIS 2002
Hawaii Crime Alert
Hawaii Student Digital Showcase
Hawaiian Quilting
Head Lice
Ike Pono II
Ike Pono I
Imi Ike
Issues and Perspectives
Kahea Loko
Laboratory for Reform: A California Model
Living Tradition
Looks Good
Math Works
McKinley Community School
Mele Hawaii
MOVE
Nene Award
P-20 Is it Right for Hawaii's Schools
Pep-T and You
Planet Earth

Rapa Nui Special
Reading to the Max
Safety Saves, Safety Works
School Connections
Seasons of Life
Surviving Tsunamis
Te Pito O Te Henua Rapa Nui
Teaching Reading
Tech Talk
The Big Island
The Board of Education
The Caretakers
The Discovery Box
Viewpoints
What's in the News
What's the Story

Non-Local Programming

Africa's Child
Against all Odds
All About Directions
All the Colors of the Earth
American Cinema
Asian Traditions
Avoiding Teen Pregnancy
Behind the Scenes
Bill of Rights
Biography of America
Body Atlas
Charley Chapters in Writing
Club Write
Complete Cosmos
Concepts in Nature
Courtesy Counts
Destination
Earth and space Science
Economics USA
Endless Energy
English Composition
Events of the 21st Century
Famous Explorers
Force and Motion
Forests of the World
Geography Update
History in Focus

History's Ancient Legacies
History's Turning Points
Holiday Facts
I Love my City
Imagination Station
In Search of the Novel
Islam and Culture
Justice Factory
Learning Science Through Inquiry
Let's Dance
Life Sciences
Lord of the Animals
Managing the Disruptive Classroom
Math Monsters
Mechanical Universe and Beyond
Minds of our Own
More than Bows and Arrows
NASA Connect video series
Nature Connection with David Suzuki
Navigating Change
Nobel's Greatest Hits
Osama Bin Laden
Power of Place
Project Mathematics
Satellite Town Meeting
Science Sessions
Someone To Talk To
Teaching Math
Tech as Catalyst
Teen Awareness
The Creative Spirit
The Next Industrial Revolution
The Pen Pal Series
The Television History
The Whole Child
Unseen Life on Earth
Vietnam Memorials
Vision of Modern Medicine
Welcome to the Future
Welcome to the Monkey House
Women World Leaders
Wonder Why
Work in the 21st Century
World of Art
World of Chemistry

Appendix 4.

**HDOE 2003 Educational Access
Progress Report**

Attachment A

HDOE 2003 Educational Access Progress Report

Name of Grantee: Hawaii State Department of Education/Teleschool

Contact Person: Gerianne Hong

Dates Covered in this Report: January 1, 2003 to December 31, 2003

UNITS OF MEASURE	Spring 2003	Fall 2003	YEAR TO DATE
Number of hours of programming	1927	5147	7074
Number of hours of credit courses			
• Live	253	573	826
• Taped delayed	120	287	407
• Rebroadcast	236	287	523
Number of hours of non-credit programs			
• Live	40	296	336
• Taped delayed	204	677	881
• Rebroadcast	204	677	881
Number of hours of educational programming From non HDOE Institutions			
• Taped delayed	435	1175	1610
• Rebroadcast	435	1175	1610
Number of students enrolled/using programs*	45,250	45,250	90,500

* This number is only a broadly defined estimate as the HDOE has no official student registration reporting requirements for Teleschool course usage.

Appendix 5.

2004 HSDM Grant Initiative

FOR IMMEDIATE RELEASE

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\$50,000 in Grants Awarded to Thirty-six Hawaii Schools

Honolulu, HI - 11/16/04 - The Hawaii Schools Digital Media (HSDM) initiative has announced their second annual school video programming grant awards. The statewide awards are for Hawaii public and private school leaders demonstrating interest in preparing their students to master the use of digital media in the classroom during the 2004-05 school year.

The grants, which average around \$1,400, will provide seed capital for equipment and training related to developing or expanding classroom use of video and digital media technologies. Digital media is the combined use of computers, video and sophisticated editing and presentation software applications to convey a message. In turn, the schools will be creating student video programming for a monthly one hour student video showcase to be cablecast statewide on the Public, Education and Government (PEG) access channels in each county. The programs are currently airing on Tuesdays from 4 P.M. to 5 P.M.; Thursdays from 12 P.M. to 1 P.M. and Saturdays from 9 A.M. to 10 A.M. on Oceanic Channel 56.

HSDM grants were made to the following Hawaii public and private schools:

Academy of the Pacific
Aiea Intermediate
Castle High
Chiefess Kamakahalei Middle
Education Laboratory School
Farrington High
Hakipuu Learning Center
Hawaiian Mission Elementary & Intermediate
Island School
Jarrett Middle
Kaelepulu Elementary
Kailua High
Kaiulani Elementary
Kalani High
Kauai High
King Kekaulike High

Kohala High
La Pietra - Hawaii School for Girls
Liholiho
Maili Elementary
Maryknoll High
Maryknoll School
Maui High
Mauna Loa School
Mililani High
Moanalua High
Montessori School of Maui
Pearl Ridge Elementary
Roosevelt High
Sacred Hearts Academy
Saint Louis
Seabury Hall
St. Andrew's Priory
Waiialua Elementary
Waianae Intermediate
Waimanalo Elementary & Intermediate

According to Robert Witt, Director of the Hawaii Association of Independent Schools (HAIS) "By all accounts, our first year was highly successful so it was an easy decision to fund the second year." He continues "It gives the schools an opportunity to showcase their work to a much wider audience."

Since 2003 \$97,000 has been awarded directly to Hawaii schools through HSDM grants. This initiative was spearheaded by the Hawaii Association of Independent Schools (HAIS) through the support of 'Olelo, Community Television, the Hawaii State Department of Education and the Hawaii Educational Networking Consortium (HENC).

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