

Educational Access Cable Plan for Year 2023

Prepared for:

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and

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**Educational Access Cable Plan
for Year 2023**

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Educational Access Cable Plan for Year 2023

1.0.0 - Foreword

The Hawaii Educational Networking Consortium (HENC) submits the following plan for the Oahu 2023 Educational Access (EA) cable funding. The 2023 plan year is comprised of the winter and spring terms of the 2022/23 academic year, the summer terms of 2023, and the fall term of the 2023/24 academic year.

This plan also serves as HENC's formal recommendation to 'Olelo: Community Media for the 2023 EA funding awards.

The two Educational Access channels on Oahu are UHTV and TEACH. On Spectrum Cable these channels can be found as digital channel 355 for UHTV and channel 356 for TEACH. On Hawaiian Telecom TV the UHTV and TEACH channels also can be found on 355 (Olelo TEC) and 356 (Olelo TEACH). In addition, during 2023, the UHTV Video On Demand (VOD) Channel on Spectrum Cable will be available to Spectrum subscribers. This channel is located on Spectrum Cable's channel 358. This service is available on Oahu, Kauai, Maui and Hawaii. The service, known as UHVOD, makes cable classes available on demand 24 hours a day, seven days a week, during each of the school semesters.

HENC thanks 'Olelo and the Hawaii Department of Commerce & Consumer Affairs for allowing the Consortium to continue to support the direction and development of Oahu's Educational Access cable programming for the residents of Hawaii.

2.0.0 - EA Constituents

The three primary Educational Access partners to this plan are:

Hawaii State Department of Education (HDOE)

Hawaii Association of Independent Schools (HAIS)

University of Hawaii (UH)

2.0.1 Infrastructure and Collaboration

The three above entities are engaged statewide with more than 350,000 students, researchers, faculty and staff. More than 80% of these individuals live, work and learn on the island of Oahu. With the extremely high cable TV subscriber penetration rate on Oahu, the majority of these individuals have access to the video services provided by HENC programming both at home and in their school or university settings.

Education access is available via free cable set-top boxes provided by Spectrum and Hawaiian Telecom upon request for basic subscribers. These boxes provide digital access for all of the EA channels as well as providing access to the current video on demand channel for Spectrum Cable subscribers.

A brief description of each of the Educational Access partners, the people they serve, and their infrastructure follows.

2.0.2 - Hawaii Department of Education

The Hawaii Department of Education is a single statewide school district that provides oversight to 256 public schools and 37 public charter schools on seven islands. Recent figures show that the HDOE's total enrollment is approximately 169,000 students (SY 2022/2023 data) in kindergarten through 12th grade, which makes the HDOE approximately the 10th largest school district in the United States.

On Oahu the HDOE video production and distribution network provides primary services from its facility located in Mapunapuna.

2.0.3 - Hawaii Association of Independent Schools

The Hawaii Association of Independent Schools is an association of member schools that advocates on behalf of licensed and accredited independent education in Hawaii. HAIS's subsidiary, the Hawaii Council of Private Schools, also licenses 88 K-12 schools and verifies the "compliant" status of 25 parochial K-12 schools in Hawaii on behalf of the State of Hawaii. Of these 113 schools, HAIS currently serves 101 independent schools as members with over 33,000 students.

HAIS facilitates collaborative efforts among member schools on issues of mutual concern as well as partnerships to address shared needs. HAIS provides services that strengthen individual schools, and it supports efforts to improve educational quality and excellence for all Hawaii students.

2.04 - University of Hawaii

On Oahu, the University of Hawaii has distance learning capabilities on the UH Manoa campus as well as on the campuses of University of Hawaii West Oahu, Honolulu Community College, Kapiolani Community College and Leeward Community College.

The UH Manoa site and each of the community college sites listed above have production facilities for the development of cable programming as well as studio/classrooms for the transmission of live programs. These campuses also have post-production facilities and the controlled environments and staffing necessary to facilitate a wide range of distributed learning activities. These production facilities also serve as an effective training ground for students who are interested in the industry.

In summary, HENC believes the above-defined tangible and intangible assets provide sizeable benefits to each of the three EA constituents and to the general public at large. As a by-product of the Oahu EA agreement, the outcome (programming) is also distributed statewide to Neighbor Island PEG access centers for their use and provides educational options for many underserved communities. The Consortium feels that continued support for the above educational institutions is very important to providing continuous benefits via Educational Access cable.

3.0.0 - Constituent Awards

This plan is based on funding from Spectrum and Hawaiian Telecom educational access fees collected during the 2022 calendar year and made available to 'Olelo during the 2023 calendar year. 'Olelo currently estimates 2023 funding to be:

	PEG Fees	HENC 25%
2023 Spectrum	6,292,780.17	1,573,195.04
2023 HTC	932,551.23	233,137.81
Total 2023 Funding	7,225,331.40	1,806,332.85

Based on this estimate the recommended 2022 EA funding for the constituents during this plan year are as follows:

	2023 EA Plan	%				
April Request:				2023 Total Awards		
DOE	368,793.23	0.2200		DOE	737,586.45	0.4273
HAIS	58,671.65	0.0350		HAIS	117,343.30	0.0680
UH	410,701.55	0.2450		UH	821,403.10	0.4758
Subtotal:	838,166.43	-	0.5000	HENC	50,000.00	0.0290
HENC Admin Fee	25,000.00				1,726,332.85	1.0000
Total Funds Requested:	863,166.43	-		2023 Totals w/HSDM		
				DOE	737,586.45	0.4083
September Request:				HAIS	197,343.30	0.1093
DOE	368,793.23	0.2200		UH	821,403.10	0.4547
HAIS	58,671.65	0.0350		HENC	50,000.00	0.0277
UH	410,701.55	0.2450			1,806,332.85	1.0000
Subtotal:	838,166.43	-	0.5000	2023 Supplemental Program Funding		
HENC Admin Fee	25,000.00			DOE	-	
HSDM Grants - 2022 Funds	80,000.00			HAIS	-	
Total Funds Requested:	943,166.43	-		UH	-	
				HSDM	-	
Total 2022 EA Plan Funds:	1,806,332.85	-				

* The University of Hawaii is awarded a larger share of the EA funding because it currently provides the space and staffing for the joint video playback facility located on the Manoa campus of the University of Hawaii. This facility currently hosts all Educational Access video playback for both of the current digital EA Channels (355 and 356). In addition to these two 24x7 channels, the facility also provides for transcoding, transport and supervision of the Video on Demand channel (Spectrum 358). This channel known as UHVOD is found on Spectrum Cable channel 358. This facility also provides for the statewide transport of the Hawaii civil defense signal.

** EA will again fund the K-12 school video grants program entitled the Hawaii Schools Digital Media grants (HSDM) for a total of at least \$80,000 in 2023. The HSDM funds are awarded to HAIS for the sole use as grants for video and digital media programming projects in Hawaii’s K-12 public, private, charter and parochial schools. Schools will be asked to submit grant applications for video and digital media projects at the start of the 2023/24 school year. Grant awards are tied to minutes of video programming to be submitted during the 2023/24 academic year. A complete list of the awardees will be part of the final report generated for 2023.

4.0.0 - 2022 Constituent Plans for Educational Access

4.0.1 - Hawaii State Department of Education (HIDOE)

4.0.2 - HIDOE Educational Access Award - 2023

For the timeframe of January 1, 2023, through December 31, 2023, HENC recommends that the Video Production Branch of HIDOE’s Office of Strategy, Innovation and Performance be awarded

\$737,586.45 for core programming activities provided through the Oahu Educational Access cable channels.

4.0.3 - HIDOE Project Description - 2023

HIDOE continues to play a key supporting role in ensuring that all Hawaii children have a fair and equal opportunity to obtain high-quality education and reach, at a minimum, proficiency on challenging state academic achievement standards. To this end the Video Production Branch (VPB) of HIDOE is tasked with the programming of a digital cable channel on both the Spectrum cable network and the Hawaiian Telcom cable network.

During 2023 HIDOE will continue to provide programming for the K-12 Educational Access environment on a 24 x 7 basis. As a by-product of the Oahu EA agreement, the signal continues to be transported to all neighbor island Access Centers for use on Channel 356 on each island.

4.0.4 - HIDOE Goals and Objectives - 2023

VPB is part of the of HIDOE's Office of Strategy, Innovation and Performance. VPB is primarily responsible for the acquisition and distribution of educational video programs, creation of video programs in support of the Department of Education initiatives and transmission of educational video programming over cable and internet channels.

In 2023, VPB will upgrade our third edit bay computer that is using Mac Pro machines from 2013; look to upgrade staff desktops; and build out a remote live streaming setup.

HIDOE will continue to provide programming which meets the technical standards for transmission over the PEG cable channels as established by 'Olelo. The complete HIDOE schedule as well as a listing of standard-centered television programming can be found on the web at:
<https://proweb.myersinfosys.com/hetv/week>

Projected HDOE programming for 2023 will include:

Continuation of the following core programming:

Art Hunter; Art Smarts; Artists in the Schools; Artists of Hawaii; Breathe Like a Bear; Digital 808 Storytellers; Hawaii Student Digital Showcase; HAIS programming; Historic Sites of Hawaii; Island Poets; Japanese for Kids 3-4; Mandarin for Kids K-2; Mandarin for Kids 3-4; Ocean Vet Series; Pacific Clues; Real Life 101; World Geography Series.

Completion and airing the following new locally produced programming:

- Na Ali'i - Stories of a number of Hawai'i DOE Schools and their relationship to the Hawai'i Ali'i they are named for or are associated with. This year we will feature Chiefess Kamakahahele Middle School on Kauai
- Kai Piha – Diamond Head
- Day in the life of Hawaii State Teacher of the Year – Dr. Michael Oda

Acquire additional educational programming to include:

- Biz Kids
- The Science of Cooking
- Insects: Geniuses of Strategy

4.0.5 - HDOE Framework for Measure - 2023

Specific targets for the Video Production Branch during 2023 include:

- Completion of edit bay upgrades.
- Completion of Na Ali'i program by Summer 2023
- Completion of Day in the life of Hawaii State Teacher of the Year – Dr. Michael Oda
- Assist HAIS with the promotion, assessment and implementation of the Hawaii Schools Digital Media grants
- Facilitate the collection, evaluate the quality and log each video submitted by K-12 schools as they relate to the HSDM grants
- Continue producing a monthly student video series entitled the Hawaii Schools Digital Showcase during SY 2023-24.

4.0.6 - HDOE Reports and Feedback - 2023

HDOE progress reports in the standard format (see Appendix 1, Attachment A) will remain in effect and will be completed at the mid-term and end of 2023. This data will be due to HENC for the mid-year report no later than June 15, 2023, and for the annual report by January 15, 2024. In addition to the hourly program matrix information, a list of all programs by title will be provided for inclusion in the annual report.

4.0.7 - HDOE Single Point of Contact – 2023

The following individual will act as the entity contact for the 2023 HDOE award:

Department of Education, State of Hawaii

Edgar Ambrosio

Video Production Branch

1132 Mapunapuna Street, Ste. 201

Honolulu, Hawaii 96819

Phone: (808) 307-3926

Email: edgar.ambrosio@k12.hi.us

Web: <http://hawaiipublicschools.org>

4.1.1 - Hawaii Association of Independent Schools

4.1.2 - HAIS Educational Access Award - 2023

For the timeframe of January 1, 2023, through December 31, 2023, HENC recommends that the Hawaii Association of Independent Schools be awarded \$117,343.30 to complete its core programming activities during the 2023 plan year. In addition, HAIS will receive an additional \$80,000 for awards of the Hawaii Schools Digital Media grants during the 2023-24 school year. Funds that were awarded in previous years but not distributed due to a lower number of applications for the HSDM grants during 2021/22 and 2022/23 because of the pandemic will be added to the 2023 award in order to bring the total amount of grants available for award to at least \$90,000 in the 2023/24 year.

4.1.3 - HAIS Project Description - 2023

HAIS advocates on behalf of independent education in Hawaii and participates actively in the educational dialogue of the broader community on all islands and nationally. In addition, HAIS facilitates collaborative efforts among its member schools and public schools on issues of mutual concern, as well as providing partnerships to address shared needs. The 2023 plan year award will allow for a primary level of core services for its project in support of a variety of key issues facing both private and public education in Hawaii.

4.1.4 - HAIS Goals and Objectives - 2023

Most PK-12 schools – public and private – devote the majority of their time and effort to covering the curriculum required for students to advance to the next levels of formal education. Preschools and kindergartens get students ready for elementary school; elementary schools prepare their students for middle school and high school; and high schools make sure that their students are prepared for college or perhaps the military or a career in the trades. For the most part, these curriculums to be covered at each level are based on the past – both content or knowledge that society has accumulated throughout history as well as teaching and learning strategies that teachers have been taught when they attended university in the past.

The assumption underlying the “covering the curriculum” approach to education is that the lives students will lead in the future will be a lot like the lives people are currently leading. And, of course, current experience is pretty much proving that to be a false assumption. The question to be addressed at present is: What, in addition to covering the curriculum, are schools doing to preparing their students to be “future ready.” HAIS will work with its videographer to create six videos that address various aspects of this question. Interviews will be conducted with faculty, staff and students attending schools of different size and mission to find what schools are currently doing and/or think that they should be doing to prepare students for a future that is largely indeterminate.

4.1.5 - HAIS Framework for Measure - 2023

The following benchmarks will be used to monitor progress, report and to evaluate the activities of HAIS during plan year 2023:

- Produce six programs as described in Section 4.1.4 of this plan; and
- Provide continuing management, financial and administrative support for the ongoing development of the grants for the Hawaii Schools Digital Media initiative.

4.1.6 – HAIS Reports and Feedback - 2023

At the mid-point and end of the funding period, HAIS will submit information and a summary of its programming series. These reports will include feedback and a list all of the programs produced by HAIS. This information will be due to HENC for the mid-year report no later than June 15, 2023, and for the annual report by January 15, 2024.

4.1.7 - HAIS Single Point of Contact – 2023

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

Hawaii Association of Independent Schools

Deanna D’Olier, Associate Director
615 Piikoi Street., Suite PH-5
Honolulu, Hawaii 96817

Phone: (808) 973-1533
Email: ddolier@hais.us
Web: <http://www.hais.us>

4.2.1 - University of Hawaii

4.2.2 - UH Educational Access Award – 2023

For the timeframe of January 1, 2023, through December 31, 2023, HENC recommends that the University of Hawaii be awarded \$821,403.10 for core programming activities provided through the Oahu Educational Access cable channels.

4.2.3 - UH Project Description - 2023

This 2023 UH Educational Access proposal is again composed of a system-wide collaboration among multiple campuses of the University of Hawaii system. The award will provide for the continuation of the delivery of programming in support of both credit and non-credit academic courses made available by employing the resources of EA cable, the Internet, and interactive TV as well as general information programming about the University of Hawaii that will be of interest to both the UH community and the general public.

The overall focus and ongoing direction for the 2023 University of Hawaii award is a continuation in the development and improvement upon previous years' access plans. Funding for this project will allow for further refinement toward the continuing availability of programming necessary for the successful completion of various degree and non-degree programs. Today, students can fulfill a significant portion of their education requirements by using the tools of distance education that are currently available to the majority of Hawaii residents.

Funding from this award provides only for support of faculty and staff during the planning and development of each video programming unit or event; no EA funds are allocated for the actual delivery of the cable programs themselves. The University will continue to provide its media production facilities, studios, the faculty salaries for the delivery of the courses, remote camera equipment, student help-desk functions, student training and assistance, and the support of the UH statewide distance learning infrastructure.

A complete list of all University of Hawaii system distance learning courses can be found at:
<https://www.uhonline.hawaii.edu/courses/>

A complete schedule of UH cable programming can be found at:
<https://www.uhonline.hawaii.edu/courses/202030/?im=Cable%20TV>

4.2.4 - UH Goals and Objectives - 2023

The University of Hawaii endeavors to provide all qualified people in Hawaii with equal opportunities to a quality college and university education. Cablecast, expanded academic technologies and distributed learning tools allow UH to extend its reach beyond the traditional limitation of a campus-based institutional classroom and expand access to higher education across the State. The importance of this online learning environment increased significantly during the COVID pandemic in so far as almost 100% of university courses during 2020 and into 2021 were forced into remote learning delivery and this remote learning opportunity continued throughout 2022 even as on-site courses were once again introduced. A significant number of the University's courses are still being delivered online during the 2022/23 academic year.

In support of the above mission, the primary goals of this EA award are: to continue to provide a broad range of programming (which supports course work) that allows students to advance toward various academic degrees; to identify and deliver other programs that support students to succeed in

their coursework; to develop programs for community training and workforce development in areas of high demand; and, to extend outreach programming to help students identify, understand and achieve their educational goals.

Specifically, the funds received from this award have been and will continue to be used in the following five areas:

- Developing and offering programs which support the on-going development of educational resources that support a wide variety of credit courses;
- Identifying, developing and offering programs of high demand for training and workforce development which capitalizes on student needs and the expertise of the faculty throughout the University system;
- Staff and maintain playback facility for three Educational Access cable channels and the associated video on demand channel allocated to education;
- 24x7 infrastructure requirements for the continual cablecast of all programs (except noted maintenance downtimes found in Appendix 2); and,
- Provide on-going opportunities for informational and other non-credit programming support for educational videos intended for the general public.

Additionally, the UH will continue to provide support to complement Hawaii's unique educational needs. In the spirit of cooperation, the UH will make available its facilities and staff (on a space and personnel available basis) to support programming for HENC identified initiatives and accredited educational member entities.

Stable funding for this project has provided for ongoing benefits to the public by supporting the degree programs offered by the UH community colleges as well as other community programming of high demand. Four broad examples of the types of public benefits from this award include: transferability of coursework to a baccalaureate granting institution; opportunities for occupational growth, training and skill upgrades; improved earning potential for the learner (and higher tax revenues to the State); and continuing educational opportunities for enjoyment and personal enrichment.

In return, the University will continue to provide cable playback functions, media production facilities, faculty development as well as student services necessary to support a statewide distance learning infrastructure.

4.2.5 - UH Framework for Measure - 2023

The following benchmarks will be used to monitor progress, report and to evaluate the activities of UH during plan year 2023:

During the 2023 plan year UH plans to:

- Produce digital media materials in support of multiple degree program courses.
- Produce multiple co-curricular programs and events such as lectures and presentations.
- Provide a showcase for student produced programming from the Creative Media program.
- Develop new informational videos about what students can expect if they decide to major in various degree programs.

- Provide for support services (ex. programming to support study skills, test and note taking, help desk functions) for all students but especially for freshman students just beginning their university journey.
- Provide education related programming which benefits the general Hawaii community.

During 2023 the University of Hawaii will continue to provide Educational Access services on the statewide Video on Demand (VOD) channel. This channel has proven to be an attractive venue for access to educational programming that is irrespective of the student and public subscribers' time.

4.2.6 - UH Reports & Feedback - 2023

The University of Hawaii will supply data relating to its core programming on its standard progress report template at the close of each semester. In addition to the hours of programming, UH will also provide an annual list of all programs by title and by category. This information will be due to HENC for the mid-year report no later than June 15, 2023, and for the annual report by January 15, 2024.

4.2.7 - UH Single Point of Contact - 2023

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

University of Hawaii

Gloria Niles, PhD

Director, Information Technology Services & Academic Technologies

Information Technology Services

2520 Correa Road

Honolulu, Hawaii 96822

Phone: (808) 956-3504

Fax: (808) 956-7483

Email: gniles@hawaii.edu

Web: <http://www.hawaii.edu/dl/>

5.0.0 - Summary

This document constitutes the consolidated plan for Oahu Educational Access cable activities for the plan year 2023. Collectively this EA plan allocates \$1,806,332.85 for programming activities for cablecasts on Channels 355, 356 and 358.

This plan 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 Senior HENC Program Coordinator, upon request, will attempt to resolve any issues, concerns or conflicts with 'Olelo and the Department of Commerce and Consumer Affairs (DCCA) relating to the matters covered in this document.

The following individual is the primary contact for this report:

Philip J. Bossert, Ph.D.

Senior HENC Program Coordinator

Hawaii Educational Networking Consortium

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Fax: (808) 956-5025

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Appendix 1

Sample Educational Access Progress Report Templates

Attachment A - Hawaii State Department of Education

Attachment B - University of Hawaii

HDOE 2023 Educational Access Progress Report

Name of Grantee: _____

Contact Person: _____

Dates Covered in this Report: _____

UNITS OF MEASURE	Spring Semester	Summer & Fall Semester	Year to Date
Number of hours of local programming			
Number of hours of credit courses <input type="checkbox"/> Live <input type="checkbox"/> Taped delayed <input type="checkbox"/> Rebroadcast			
Number of hours of non-credit programs <input type="checkbox"/> Live <input type="checkbox"/> Taped delayed <input type="checkbox"/> Rebroadcast			
Number of hours of educational programming From non HDOE Institutions <input type="checkbox"/> Live <input type="checkbox"/> Taped delayed <input type="checkbox"/> Rebroadcast			
Number of students enrolled/using programs			

Significant achievements (qualitative on separate sheet)

List of Programming by Category (on separate sheet)

UH 2023 Educational Access Progress Report

Name of Grantee: _____

Contact Person: _____

Dates Covered in this Report: _____

UNITS OF MEASURE	Spring Semester	Summer & Fall Semester	Year to Date
Number of hours in support of credit courses <ul style="list-style-type: none"> • locally produced • purchased/ produced elsewhere • live • tape delayed • rebroadcast 			
Number of hours of non-credit programs <ul style="list-style-type: none"> • locally produced • purchased/ produced elsewhere • live • tape delayed • rebroadcast 			
Number of hours of informational programs <ul style="list-style-type: none"> • locally produced • purchased/ produced elsewhere • live • tape delayed • rebroadcast 			
Number of credit courses			
Number of non-credit programs			
Number of students enrolled in credit courses			

Significant Achievements

List of Programming by Category

Appendix 2

UHTV CHANNEL 355 - Times of UHTV Transmission

The following dates exclude the UH's annual technical maintenance downtimes (see below for further details regarding downtime dates). The proposed UHTV hours include:

Spring & Summer Semesters 2023

Sunday-Saturday

January 9 to August 13, 2023

24 hours/day

Fall Semester 2023

Sunday-Saturday

August 21 to December 17, 2023

24 hours/day

Annual Technical Maintenance Downtime (No UHTV Programming)

Each year the UH regularly brings their system down for maintenance. These downtimes occur twice a year: 1) from the end of Summer session to the beginning of Fall semester, and, 2) from the end of Fall semester to the beginning of Spring semester. Depending on the academic year the exact dates of these downtimes vary, however they generally occur in the same months of August and December.

During the following defined maintenance downtime, the UH will not provide any UHTV programming to the UHTV Channel. The dates of the annual technical maintenance downtimes include:

Spring & Summer Semesters 2023

January 1 to January 8, 2023

Fall Semester 2023

August 14 to August 20, 2023

December 18 to December 31, 2023

Appendix 3

TEACH CHANNEL 356 - Times of HDOE Transmission

The TEACH channel plans to provide EA programming on a 24x7 basis during 2023

This will include providing programming during all official State holidays.

A 24x7 signal is being provided 365 days of the year on Oahu and is also being sent to all of the Neighbor Island cable access centers for use on their K-12 Educational Access channel as defined by each PEG entity.

Annual Technical Maintenance

There are currently no scheduled maintenance windows for Channel 356 during 2023.

As is always the case the Video Production Branch will always consider proposals to amend its schedule if they are deemed in the best interest of PEG access.