Educational Access Cable Plan for Year 2022

Prepared for:

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and

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Educational Access Cable Plan for Year 2022

1.0.0 - Foreword

The Hawaii Educational Networking Consortium (HENC) submits the following plan for the Oahu 2022 Educational Access (EA) cable funding. The 2022 plan year is comprised of the winter and spring terms of the 2021/22 academic year, the summer terms of 2022, and the fall term of the 2022/23 academic year.

This plan also serves as HENC's formal recommendation to 'Olelo: Community Media for the 2022 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 2022, 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 75% 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 174,000 students (SY 2021/2022 data) in kindergarten through 12th grade, which makes the HIDOE 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 91 K-12 schools and verifies the "compliant" status of 21 parochial K-12 schools in Hawaii on behalf of the State of Hawaii. Of these 112 schools, HAIS currently serves 98 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 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 2021 calendar year and made available to 'Olelo during the 2022 calendar year. 'Olelo currently estimates 2022 funding to be:

	PEG Fees	HENC 25%
2022 Spectrum	5,896,533.14	1,474,133.29
2022 HTC	957,427.29	239,356.82
Total 2022 Funding	6,853,960.43	1,713,490.11

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

	2022 EA Plan		%
April Request:			
DOE	332,532.92		0.2100
HAIS	55,422.15		0.0350
UH	403,789.98		0.2550
Subtotal:	791,745.05	-	0.5000
HENC Admin Fee	25,000.00		
Total Funds Requested:	816,745.05	-	
September Request:			
DOE	332,532.92		0.2100
HAIS	55,422.15		0.0350
UH	403,789.98		0.2550
Subtotal:	791,745.05	-	0.5000
HENC Admin Fee	25,000.00		
HSDM Grants - 2022 Funds	80,000.00		
Total Funds Requested:	896,745.05	-	
Total 2022 EA Plan Funds:	1,713,490.11	-	
		·	

^{*} 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 2022. 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 2022/23 school year. Grant awards are tied to minutes of video programming to be submitted during the 2022/23 academic year. A complete list of the awardees will be part of the final report generated for 2022.

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 - 2022

For the timeframe of January 1, 2022, through December 31, 2022, HENC recommends that the Video Production Branch of HIDOE's Office of Strategy, Innovation and Performance be awarded \$665,065.85 for core programming activities provided through the Oahu Educational Access cable channels.

4.0.3 - HIDOE Project Description - 2022

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 2022 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 - 2021

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 2022, VPB will look to upgrade its computer network infrastructure to 10 Gigabit Ethernet—this will increase internal connection speeds by a factor of 10; upgrade edit bay computers that are using Mac Pro machines from 2013; and purchase a new production van.

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 2022 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; Kauai Shining Stars; 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 Kamakahele Middle School on Kauai
- Hawaii Literacy Program
- Waipahu Workforce Academy
- Tsunami Awareness

Acquire additional educational programming to include:

- Teens 101 Series: A Youth Mental Health Initiative
- Big Data, Big Brother
- Inside the Founders Series

4.0.5 - HIDOE Framework for Measure - 2022

Specific targets for the Video Production Branch during 2022 include:

- Completion of internal computer network upgrade.
- Completion of edit bay upgrades
- 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 2022-23.

4.0.6 - HIDOE Reports and Feedback - 2022

HIDOE 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 2022. This data will be due to HENC for the mid-year report no later than June 15, 2022, and for the annual report by January 15, 2023. 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 - HIDOE Single Point of Contact – 2022

The following individual will act as the entity contact for the 2021 HDOE award:

Department of Education, State of Hawaii

Edgar Ambrosio Phone: (808) 307-3926

Video Production Branch Email: edgar.ambrosio@k12.hi.us 1132 Mapunapuna Street, Ste. 201 Web: http://hawaiipublicschools.org

Honolulu, Hawaii 96819

4.1.1 - Hawaii Association of Independent Schools

4.1.2 - HAIS Educational Access Award - 2022

For the timeframe of January 1, 2022, through December 31, 2022, HENC recommends that the Hawaii Association of Independent Schools be awarded \$110,844.31 to complete its core

programming activities during the 2022 plan year. In addition, HAIS will receive an additional \$80,000 for awards of the Hawaii Schools Digital Media grants during the 2022-23 school year. Funds that were awarded in previous years but not distributed due to a lower number of applications for the HSDM grants during 2020/21 and 2021/22 because of the pandemic will be added to the 2022 award in order to bring the total amount of grants available for award to at least \$90,000 in the 2022/23 year.

4.1.3 - HAIS Project Description - 2022

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 2022 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 - 2022

No one could have predicted that in March 2020 we would all quite suddenly enter into a prolonged grappling of how to manage and how to survive during a global pandemic. The disruptions that ensued greatly impacted where teachers taught, how students learned, access to counselors, cancellations of school events, and the shifting of internal school structures. Unfortunately, with so much attention focused on logistics during the first couple of years, did we overlook the toll all these would have on student mental health? We may not truly know the extent these pandemic disruptions of lockdowns, isolation, online learning, masking, social distancing, and more have had on student mental health and wellness until years down the road. Students' personal experiences during the pandemic are also varied due to family circumstances, such as parent's employment, family finances, illness or possibly death of a family member or multiple family members, or even a family member's stance on vaccination. There is no way to measure the underlying stress level that each student lives with every day. Masking and social distancing exist to protect students' physical health, but what is in place to protect and strengthen their emotional and mental health?

We have entered the third year of living in a global pandemic. Teachers are noticing more signs of depression and stress and agitation. While we have all collectively experienced the disruptions of the pandemic together, how do we address the personal experiences students have gone through and are still going through alone? What space is afforded for students to engage with their emotions, to express them and to release them in healthy ways? What space is afforded for students to play with their imagination and creativity? Without this, we get stuck and lack the ability to imagine creative solutions to our problems or current circumstances. Without a means to express our feelings, we can drown in emotions. Unable to understand these emotions or release them, we can allow them to consume our state of mind and mental being.

During this funding cycle, we will create a series of six videos to address student mental health and wellness. We will highlight students' stories of self-discovery as they sit with their emotions, name them, and explore creative expressions to release them. The goal is to document how students walk through their emotions and stress, how they find their voice in expressing and releasing what they're feeling, and how this gives them more space and freedom to enjoy learning and to have a positive school experience.

4.1.5 - HAIS Framework for Measure - 2022

The following benchmarks will be used to monitor progress, report and to evaluate the activities of

HAIS during plan year 2022:

- 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 - 2022

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, 2022, and for the annual report by January 15, 2023.

4.1.7 - HAIS Single Point of Contact – 2022

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

Hawaii Association of Independent Schools

Deanna D'Olier, Associate Director 200 North Vineyard Blvd., Suite 401 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 – 2022

For the timeframe of January 1, 2022, through December 31, 2022, HENC recommends that the University of Hawaii be awarded \$807,579.95 for core programming activities provided through the Oahu Educational Access cable channels.

4.2.3 - UH Project Description - 2022

This 2022 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 2022 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 - 2022

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 has increased significantly during the COVID pandemic in so far as almost 100% of university courses during 2020 and into 2021 have been forced into remote learning delivery and this remote learning opportunity will likely continue throughout 2022 even as on-site courses are once again introduced.

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 - 2022

The following benchmarks will be used to monitor progress, report and to evaluate the activities of UH during plan year 2022:

During the 2022 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 2022 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 - 2022

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, 2022, and for the annual report by January 15, 2023.

4.2.7 - UH Single Point of Contact - 2022

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

University of Hawaii

Hae Okimoto, PhD Director, Academic Technologies Information Technology Services 2520 Correa Road Honolulu, Hawaii 96822 Phone: (808) 956-3504 Fax: (808) 956-9966 Email: hae@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 2022. Collectively this EA plan allocates \$1,713,490.11 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 2520 Correa Road, 6th Floor Honolulu, Hawaii 96822

Phone: (808) 203-9097 Fax: (808) 956-5025

Email: bossert@hawaii.edu

Appendix 1

Sample Educational Access Progress Report Templates

Attachment A - Hawaii State Department of Education

Attachment B - University of Hawaii

HDOE 2022 Educational Access Progress Report

Name of Grantee:Contact Person:			<u> </u>	
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				
Live				
Taped delayed				
Rebroadcast				
Number of hours of non-credit programs				
Live				
Taped delayed				
Rebroadcast				
Number of hours of educational programming				
From non HDOE Institutions				
Live				

Significant achievements (qualitative on separate sheet)

Number of students enrolled/using programs

Taped delayed Rebroadcast

List of Programming by Category (on separate sheet)

UH 2022 Educational Access Progress Report

Name of Grantee:			
Contact Person:			
		•	
Grant Dates:			
Dates Covered in this	Report:		

UNITS OF MEASURE	Spring Semester	Summer & Fall Semester	Year to Date
Number of hours in support of credit courses			
• locally produced			
• purchased/ produced elsewhere			
• live			
tape delayed			
• rebroadcast			
Number of hours of non-credit programs			
locally produced			
• purchased/ produced elsewhere			
• live			
tape delayed			
• rebroadcast			
Number of hours of informational programs			
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 2022

Sunday-Saturday January 9 to August 13, 2022 24 hours/day

Fall Semester 2022

Sunday-Saturday August 21 to December 17, 2022 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 2022

January 1 to January 8, 2022

Fall Semester 2022

August 14 to August 20, 2022 December 18 to December 31, 2022

Appendix 3

TEACH CHANNEL 356 - Times of HDOE Transmission

The TEACH channel plans to provide EA programming on a 24x7 basis during 2022

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 2022.

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.