Introduction
The following report is an overview of the Educational Access (EA) activities for the calendar year 2013. This report was compiled by the Hawaii Educational Networking Consortium's (HENC) Education Program Manager as a condition of the Educational Access agreement between ’Olelo, Community Media and the Hawaii Educational Networking Consortium.

This report is divided into four major sections that include:

Section 1.0 - The Channels and their Programming .................................. Page 1
Section 2.0 - The 2013 Awards ................................................................. Page 2
Section 3.0 - Funding and Report Summary .............................................. Page 10
Section 4.0 - Appendices ........................................................................ Page 12

Section 1.1.1 - EA Programming
The following table summarizes the programming activities for the two Educational Access channels on Oahu known as UHTV and TEACH. On Oceanic Cable these channels can be found as digital channels 355 and 356 respectively (QAM channels 46.55 and 46.56). On Hawaiian Telcom TV the TEACH channel is 356 and the UHTV is 355. The below table reflects a composite of the hours of programming compiled from the data supplied by the University of Hawaii (UH) and the State of Hawaii Department of Education (HDOE). An unaudited copy of each entity's required benchmark report can be found in Appendix 1 and 2 of this report. Programming hours are as follows:

<table>
<thead>
<tr>
<th>Programming Hours by Type, by Channel</th>
<th>Total Hours of Programming 2013</th>
<th>Hours of Locally Produced Programming 2013</th>
<th>Hours of Repeat Programming 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel 355 -- UHTV University of Hawaii</td>
<td>8,760</td>
<td>3,669</td>
<td>4,518</td>
</tr>
<tr>
<td>Channel 356 -- TEACH HDOE/Video Technology Group</td>
<td>8,098</td>
<td>2,571</td>
<td>2,872</td>
</tr>
<tr>
<td>EA Channels Total</td>
<td>16,858</td>
<td>6,240</td>
<td>7,390</td>
</tr>
</tbody>
</table>
Section 1.1.2 - Other Channel Related Issues
No issues requiring resolution were identified during the reporting period.

Section 2.0 - The 2013 Awards
In the plan for 2013 year, the Hawaii Educational Networking Consortium
recommended three core awards for the purpose of developing and delivering
educational programming on the Oahu UHTV and TEACH access channels. The
use of each of the award funds is described below:

Section 2.1.0 - Award No. 1
Department of Education, Video Production & Distribution
Group, State of Hawaii

Section 2.1.1 - HDOE 2013 Annual Award Funding Review
The term of this report is for the year of January 1, 2013 to December 31, 2013.
The Educational Access funds awarded to the Extended Learning Opportunities &
Student Support, Video Production & Distribution Group (VPDG) for this
calendar year period include:

$458,696 - HDOE 2013 core programming funds award.
$ 00,000 - Supplemental Programming funds awarded.
$458,696 - Total funds allocated for review in this report.

Section 2.1.2 - Award No. 1 - HDOE Annual Review
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Core Programming
During 2013 the HDOE/VPD Group continued airing the following core
programming: A.P. Calculus; A.P. Statistics; Mandarin for Kids K-2; Mandarin for
Kids 3-4; Japanese for Kids 3-4; Choices; KidPhysics; Voices and Wings; Music
Factory K-2; Music Factory 3-4; Exploring the Islands; Artists of Hawaii; Thirst-
Artist Profiles; Pacific Clues; Arts Smarts; and, Viewpoints.

New Non-Core Programming
Other non-core programming completed by the Video Production & Distribution
Group during the reporting period include: Ke Imi Noi, a nine part series for
Hawaiian Immersion students; National Student Achievement, three programs on
student awards; Palolo Elementary STEM, two programs on the all school STEM
program; DOE Safety & Security, two programs on Tsunami Awareness and
Playground Safety; Art Hunter, a nine part art concept series; Pathways to
Lifelong Learning; Common Core State Standards; in Hawaii; and, Learning
Centers, a 10 part series.
New Programming
The VPDG has acquired the following educational programming titles during the reporting period: Biology Collection, eleven twenty minute high school science programs; Time for Math, twenty, ten minute elementary math programs; Architects of Change, ten, one hour programs on today’s new type of pioneers; Wall Street: World Financial Center, ten, thirty minute high school programs; The Ottoman Empire & Christian Europe, three, one hour history programs; Little Earth Charter, eight, five minute programs on UNESCO and sustainability; Advocates of Change, twenty six, twenty minute programs on people who changed the world; Living Things Series, seven, ten minute elementary science programs; and, Measuring series, four, ten minute elementary science programs.

Other Programming
The HDOE Mililani School Complex continues to air a one-hour production each week during the school year entitled "MOVE" (Mililani Oceanic Video Exploration).

During the review period the VPDG and the TEACH channel continued to collect, package and deliver the one-hour monthly program Hawaii Students Digital Showcase (HSDS). This student-supplied monthly one-hour video show feature productions from elementary, middle, and high school videos submitted by Hawaii's private and public schools.

Current information regarding Video Production & Distribution Group’s programming is available via the Internet at the Video Technology Group website: http://www.video.k12.hi.us/programs/tv-schedule

Section 2.1.3 - HDOE Supplemental Programming
No new supplemental programming (SP) funds were allotted to the Video Production & Distribution Group during the reporting period.

Section 2.1.4 - HDOE Award 2012-13 School Year Summary
This report shows a total of 8,098 programming hours provided by the HDOE during the 2013 calendar year.

The HDOE completed all five targets for its framework for measure as defined in their annual plan. No failings or shortcomings of Channel 356 or of the Video Production & Distribution Group were observed during the reporting period.
Section 2.2.0 - Award No. 2
Hawaii Association of Independent Schools (HAIS)

Section 2.2.1 - HAIS 2013 Award Funding Review
The term of this report is for the period from January 1, 2013 to December 31, 2013. The Educational Access funds awarded to the Hawaii Association of Independent Schools for this review period include:

- $77,328 - HAIS 2013 core programming funds award.
- $70,000 - Hawaii Schools Digital Media Grants for 2013-14 school year.
- $147,328 - Total funds allocated for review in this report.

Section 2.2.2 - Award No. 2 - HAIS Annual Review
During the reporting period HAIS completed the production of twelve new programs. All of the completed programs have been delivered for scheduling and playback. Below is a list of the videos completed by HAIS during 2013:

Schools of the Future (SoTF) Conference:
Three videos from the HAIS Schools of the Future Conference were completed during the reporting period. These include:

1. Historians Video.
2. Play, the Essential App Video Part I.
3. Play, the Essential App Video Part II.

Thoughts from educational leaders of the past 20+ years
Two videos relating to inspiring educational leaders of the past 20+ years have been completed. These include:

5. Pieper Toyama from Pacific Buddhist Academy.

Other projects
Seven additional videos completed by HAIS during the reporting period include:

6. Grow Hawaii, a video based upon a workshop held for teachers on landscape gardening on campus.
7. The Punahou Learning Lab.
8. The Journey to Online and Blended Learning, by Julie Young, President and CEO of Florida Virtual School.
9. STREAM: A Pedagogy of Place, by Mark Standley, University of Alaska Southeast.


**Section 2.2.3 - HAIS Supplemental Funding**

During the reporting period the Hawaii Educational Networking Consortium approved and HAIS distributed $70,000 in supplemental funding in the form of Hawaii Schools Digital Media grants ranging in size from $500 to $2,500 to Hawaii schools at the start of the 2013-14 school year.

The 2013 K-12 Hawaii Schools Digital Media grants comprise the eleventh year of the project. During this time period a total of $654,000 has been awarded directly to the Hawaii classrooms. These funds are used to develop and expand the capacity of both public and private elementary, intermediate and secondary schools to produce video programming appropriate for cablecast on the Educational Access channels.

As part of this undertaking HAIS promotes to public and private schools the digital media awards by providing a mechanism to acquire and submit grant applications for their projects at the start of each school year. All grant awards are tied to minutes of video programming submitted during the 2013-14 academic year.

Below is a list of the names of the schools that received 2013-14 HSDMI awards and the amount of each grant:

<table>
<thead>
<tr>
<th>Name of School Receiving Award</th>
<th>Award Amount in $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sacred Hearts Academy</td>
<td>1,000</td>
</tr>
<tr>
<td>Maui Waena Intermediate School</td>
<td>2,250</td>
</tr>
<tr>
<td>S.W, King Intermediate School</td>
<td>750</td>
</tr>
<tr>
<td>Waikiki Elementary School</td>
<td>500</td>
</tr>
<tr>
<td>Lahainaluna High School</td>
<td>1,000</td>
</tr>
<tr>
<td>Hawaii Academy of Arts &amp; Science PCS</td>
<td>2,000</td>
</tr>
<tr>
<td>Fern Elementary School</td>
<td>1,500</td>
</tr>
<tr>
<td>Webling Elementary</td>
<td>1,000</td>
</tr>
<tr>
<td>Windward Nazarene Academy</td>
<td>1,000</td>
</tr>
<tr>
<td>School Name</td>
<td>Assets</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Maunaloa Elementary School</td>
<td>500</td>
</tr>
<tr>
<td>Lanakila Baptist High School</td>
<td>750</td>
</tr>
<tr>
<td>Maryknoll High School</td>
<td>500</td>
</tr>
<tr>
<td>Assets School</td>
<td>1,000</td>
</tr>
<tr>
<td>Chiefess Kamakahelei Middle School</td>
<td>1,500</td>
</tr>
<tr>
<td>Waimea High School</td>
<td>1,500</td>
</tr>
<tr>
<td>Montessori School of Maui</td>
<td>2,000</td>
</tr>
<tr>
<td>Kainalu Elementary School</td>
<td>2,250</td>
</tr>
<tr>
<td>Pacific Buddhist Academy</td>
<td>2,000</td>
</tr>
<tr>
<td>Sacred Hearts Academy</td>
<td>1,500</td>
</tr>
<tr>
<td>Hilo Intermediate School</td>
<td>500</td>
</tr>
<tr>
<td>Moanalua High School</td>
<td>2,000</td>
</tr>
<tr>
<td>Elsie H. Wilcox Elementary School</td>
<td>1,000</td>
</tr>
<tr>
<td>Hālau Kū Māna New Century Public Charter School</td>
<td>1,500</td>
</tr>
<tr>
<td>Honolulu Waldorf School</td>
<td>750</td>
</tr>
<tr>
<td>Waianae Intermediate School</td>
<td>1,500</td>
</tr>
<tr>
<td>MAKALAPA ELEMENTARY SCHOOL - HDOE</td>
<td>500</td>
</tr>
<tr>
<td>Punahou School</td>
<td>750</td>
</tr>
<tr>
<td>Ma'ili Elementary School</td>
<td>750</td>
</tr>
<tr>
<td>Aliamanu Middle School</td>
<td>500</td>
</tr>
<tr>
<td>Waipahu Intermediate School</td>
<td>750</td>
</tr>
<tr>
<td>Kanuikapono Public Charter School</td>
<td>1,000</td>
</tr>
<tr>
<td>Iao Intermediate School</td>
<td>750</td>
</tr>
<tr>
<td>Molokai High School</td>
<td>1,500</td>
</tr>
<tr>
<td>Roosevelt High School</td>
<td>1,250</td>
</tr>
<tr>
<td>Kalakaua Middle School</td>
<td>1,500</td>
</tr>
<tr>
<td>Waialua High &amp; Intermediate School</td>
<td>1,000</td>
</tr>
<tr>
<td>Ka Waihona o ka Na'auao Public Charter School</td>
<td>1,250</td>
</tr>
<tr>
<td>Hawaii Preparatory Academy</td>
<td>500</td>
</tr>
<tr>
<td>'Iolani School</td>
<td>500</td>
</tr>
<tr>
<td>Pauoa Elementary School</td>
<td>1,000</td>
</tr>
<tr>
<td>Makaha Elementary School</td>
<td>2,000</td>
</tr>
<tr>
<td>Queen Kaʻahumanu Elementary School</td>
<td>1,000</td>
</tr>
<tr>
<td>Hoʻala School</td>
<td>1,000</td>
</tr>
<tr>
<td>American Renaissance Academy</td>
<td>750</td>
</tr>
<tr>
<td>Kalani High School</td>
<td>750</td>
</tr>
<tr>
<td>Lunalilo Elementary</td>
<td>750</td>
</tr>
<tr>
<td>Mililani Middle School</td>
<td>750</td>
</tr>
<tr>
<td>Hualalai Academy</td>
<td>1,000</td>
</tr>
<tr>
<td>Highlands Intermediate School</td>
<td>750</td>
</tr>
<tr>
<td>Kealakehe High</td>
<td>1,500</td>
</tr>
</tbody>
</table>
Section 2.2.4 - HAIS Award Annual Summary

Hawaii Association of Independent Schools continued to regularly produce quality programs during the reporting period. The range of programming includes subject matter on the cutting edge of education such as Schools of the Future, Blended Learning, Critical and Creative Thinking, and, School Gardening and Sustainability.

The HAIS programming is valuable to the Educational Access cable subscriber community as it portrays a different facet for EA. The HAIS videos positively impact the quality of educators, administrators, students and parents of both public and private schools in the State of Hawaii.

HAIS also provides a valuable contribution to the Hawaii Schools Digital Media Initiative. HAIS oversees and promotes the digital media program by collecting all grant applications, helping to assess the applications, administers the project financials, and the website.

<table>
<thead>
<tr>
<th>School Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>King Kekaulike High School</td>
<td>750</td>
</tr>
<tr>
<td>Robert Louis Stevenson Middle School</td>
<td>1,250</td>
</tr>
<tr>
<td>St. Anthony School</td>
<td>1,250</td>
</tr>
<tr>
<td>Kanu o ka ‘Āina NCPCS</td>
<td>2,000</td>
</tr>
<tr>
<td>Moloka‘i High School</td>
<td>1,000</td>
</tr>
<tr>
<td>Waipahu High School</td>
<td>1,250</td>
</tr>
<tr>
<td>Farrington High School</td>
<td>1,000</td>
</tr>
<tr>
<td>Kauai High School</td>
<td>2,000</td>
</tr>
<tr>
<td>St. Anthony Junior-Senior High School</td>
<td>500</td>
</tr>
<tr>
<td>Ahuimanu Elementary School</td>
<td>750</td>
</tr>
<tr>
<td>Hongwanji Mission School</td>
<td>1,250</td>
</tr>
<tr>
<td>Island School</td>
<td>500</td>
</tr>
<tr>
<td>Kalihi-Kai Elementary School</td>
<td>1,000</td>
</tr>
<tr>
<td><strong>Total $ Amount of 2013 HSDM Awards</strong></td>
<td><strong>$70,000</strong></td>
</tr>
</tbody>
</table>
Section 2.3.0 - Award No. 3
University of Hawaii (UH)

Section 2.3.1 - UH 2013 Award Funding Review
The term of this report is for the period from January 1, 2013 to December 31, 2013. The Educational Access funds awarded to the University of Hawaii for this review period include:

$537,058 - UH 2013 year core programming funds award.
$ 00,000 - UH Supplemental Programming funds awarded.
$537,058 - Total funds allocated for review in this report.

Section 2.3.2 - Award No. 3 - UH Annual Review
The core of the University of Hawaii programming continues to focus on credit courses that allow students to regularly advance toward an Associate of Arts (AA) degree through a combined use of cable TV, the Internet and interactive television.

During the current reporting period the University of Hawaii system added the following three new or revised, for credit, cable programs. The following programs are currently airing:

1. Botany 101;
2. Information and Computer Science 141; and,
3. Information and Computer Science 211.

New Informational Programming
Additionally the UH completed nine new locally produced informational programs. These are programs that have new episodes within a preexisting title. The programs with new episodes include:

1. Bibliovision;
2. English Department Colloquium;
3. Family Caregivers;
4. Island Connections;
5. Student Success;
6. Travel Industry Management (TIM) School Lecture Series;
7. Tomorrow's Table Lecture;
8. Topics Hawaii; and,
9. UH Guest Lectures.

For current and complete information regarding cable programming for classes leading to an Associates of Arts degree reference:
http://www.hawaii.edu/dlus/cable/prmg.html
Section 2.3.3 - UH Supplemental Programming
No Supplemental Programming funds were awarded to the University of Hawaii during 2013.

Section 2.3.4 - UH Award Annual Report Summary
The UH continues to advance with their long-term plan and objectives for the continual refinement of the Associates of Arts degree with a range of delivery options. During the reporting period UH provided 8,760 hours of programming for the UHTV channel (on Oahu digital 355 and QAM 46.55). A total of 77 credit courses were offered by the UH during the academic year.

During 2013 the UHTV Video On Demand (VOD) Channel on Oceanic Cable was completed and made accessible to their subscribers. This channel is located on Oceanic Cable’s channel 358. In addition to Oahu, this service is also available on Kauai, Maui and Hawaii. This service, known as UHVOD makes cable classes available on demand 24 hours a day, during the school year. UHVOD is also an intelligent service recalling “what and where” the subscriber last viewed and paused or stopped viewing, returning them to this position when accessed on the next occasion.

Assessing the University’s planned framework for measure the UH fell short of their goal of revising four to six previously produced credit courses, although the UH was very active in the production of new Informational Programming for the UHTV channel. All-in-all the UH does an admirable job of programming their channel(s).

During the reporting period UH staff continued to meet regularly with the various producers/directors of Leeward Community College, Honolulu Community College and Kapiolani Community College to discuss campus needs and to establish a budget for funding and structure a method for long term scheduling of credit classes. This group also addresses the concerns of each campus and their video producers and instructional designers to allow for the continual improvement in the quality of their cable course offerings.
Section 3.0.0 - Funding and Report Summary

Section 3.1.1 - 2013 Funding Summary
The following is a summary of all funds available and expended from the 2013 Educational Access funds:

**TOTAL FUNDING**

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oceanic 2013 Educational Access Funding</td>
<td>$1,282,822.00</td>
</tr>
<tr>
<td>Hawaiian Telcom Educational Access Funding</td>
<td>$26,817.00</td>
</tr>
<tr>
<td><strong>Total 2013 Educational Access Funding</strong></td>
<td><strong>$1,282,822.00</strong></td>
</tr>
</tbody>
</table>

**PLANNED EXPENDITURES**

3.0.1 - Department of Education, State of Hawaii

| DOE Core Programming Award                  | $458,696.00     |
| Supplemental Programming                     | $00,000.00      |
| **Total 2013- DOE Award**                   | **$458,696.00** |

3.0.2 - Hawaii Association of Independent Schools

| HAIS Core Programming Award                 | $77,328.00      |
| 2013-14 Hawaii Schools Digital Media Grants | $70,000.00*     |
| **Total 2013 HAIS Award**                  | **$147,328.00** |

3.0.3 - University of Hawaii

| UH Core Programming Award                   | $569,558.00**   |
| Supplemental Programming                    | $00,000.00      |
| **Total 2013 UH Award**                    | **$569,558.00** |
| 2013 Educational Access management fee      | $40,000.00      |
| **Total 2013 EA Funds accounted for in this report** | **$1,215,582.00**|

**2013-YEAR-END BALANCE**

| Balance of Funding                          | $67,240.00**    |
| **Amended 4/10/14**                         |                |

Footnotes:
*EA again funded the school video programming grant program entitled the Hawaii Schools Digital Media Initiative. For 2013 the amount of $70,000 was funded to HAIS and this amount was directly awarded in grants for video programming from public and private K-12 schools.
Section 3.1.3 - EA Annual Report 2013 Summary

For 2013 the two channels provided 16,858 hours of Educational Access programming during the reporting period. More detailed information on these programming hours, as well as a list of programming titles can be found in Appendix 1 and 2 at the end of this report.

During 2013 the UHTV Video On Demand (VOD) Channel on Oceanic Cable was completed and made accessible to their subscribers. This channel is located on Oceanic Cable’s channel 358. In addition to Oahu, this service is also available on Kauai, Maui and Hawaii. This service, known as UHVOD makes cable classes available on demand 24 hours a day, seven days a week, during each of the school semesters. Classes are loaded as the semester progresses and each class remains available through finals week. At the end of each semester all programming is cleared. This added outlet greatly assists the UH in its efforts to make education accessible to all regardless of time or place.

2013 is the first year that funds for Educational Access programming was available from the Hawaiian Telecom TV Oahu franchise. Because the funds are paid incrementally the funds EA receives are based upon the previous twelve months actual PEG funds.

HENC is also very proud of the Hawaii Schools Digital Media Initiative (HSDMI). Now in its eleventh year this project has guided $654,000 directly into K-12 classrooms. HSDMI has helped to foster a generation of digital media enthusiasts and helped spur an outpouring of local opportunities to display their talents. Local video awards include Clarence TC Ching, HMSA, ‘Olelo Youth XChange, Hawaii Grown, and Farmers Insurance among others. All of which benefit from the talent derived from K-12 schools statewide.

At the end of 2013 the University of Hawaii was set to welcome the new Information Technology Center on the Manoa campus. This new facility includes a state of the art data center that supports a new fiber optic system that makes the distribution of EA cable programming more robust. When this is coupled with the EA joint playback facility on the Manoa campus both allow for the future growth and development of educational access programming within the State of Hawaii.

Finally, the continuing improvement in both of the Educational Access channels would not be possible without the continuing support of ‘Olelo. The Hawaii Educational Networking Consortium would like to thank them for their continued support of Educational Access programming during 2013.

This report finds the program producing entities and the Educational Access channels to be in full compliance with the terms of Educational Access
Agreement signed in 1998. If this is not found to be the case the Education Program Manager, upon request, will attempt to resolve any issues, concerns or conflicts with 'Olelo and the Department of Commerce and Consumer Affairs relating to the matters covered in this document.

The following individual is the primary contact for this report:

Marlon Wedemeyer  
Education Program Manager  
Hawaii Educational Networking Consortium  
2520 Correa Road, 6th Floor  
Honolulu, Hawaii 96822

Phone: (808) 956-2776  
Fax: (808) 956-5025  
Email: marlon@hawaii.edu

Section 4.0 - Appendices

Appendix 1. - UH 2013 Programming Matrix

Appendix 2. - HDOE 2013 Programming Matrix
Appendix 1.

UH Programming Matrix
2013
Name of Grantee: University of Hawaii
Contact Person: Hae K. Okimoto
Dates Covered in this Report:
January 1, 2013 - December 31, 2013

<table>
<thead>
<tr>
<th>UNITS OF MEASURE</th>
<th>Spring &amp; Summer 2013</th>
<th>Summer II &amp; Fall I 2013</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>number of hours of credit courses*</td>
<td>3476</td>
<td>3703</td>
<td>7178</td>
</tr>
<tr>
<td>• locally produced</td>
<td>1684</td>
<td>1400</td>
<td>3085</td>
</tr>
<tr>
<td>• purchased/ produced elsewhere</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• live</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• tape delayed</td>
<td>1684</td>
<td>1400</td>
<td>3085</td>
</tr>
<tr>
<td>• rebroadcast</td>
<td>1792</td>
<td>2302</td>
<td>4094</td>
</tr>
<tr>
<td>number of hours of non-credit programs*</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• locally produced</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• purchased/ produced elsewhere</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• live</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• tape delayed</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>• rebroadcast</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>number of hours of informational programs*</td>
<td>869</td>
<td>713</td>
<td>1582</td>
</tr>
<tr>
<td>• locally produced</td>
<td>274</td>
<td>302</td>
<td>576</td>
</tr>
<tr>
<td>• purchased/ produced elsewhere</td>
<td>356</td>
<td>227</td>
<td>583</td>
</tr>
<tr>
<td>• live</td>
<td>8</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>• tape delayed</td>
<td>266</td>
<td>302</td>
<td>568</td>
</tr>
<tr>
<td>• rebroadcast</td>
<td>239</td>
<td>185</td>
<td>424</td>
</tr>
<tr>
<td>number of credit courses</td>
<td>35</td>
<td>42</td>
<td>77</td>
</tr>
<tr>
<td>number of non-credit programs</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>number of informational programs (local)</td>
<td>10</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>number of students enrolled in credit courses</td>
<td>701</td>
<td>835</td>
<td>1536</td>
</tr>
</tbody>
</table>

* 1st broadcast, does not include rebroadcasts

**Significant Achievements**

**Notes:**
locally produced # does not include rebroadcast
tape delayed = total # hours tape delayed
therefore, tape delayed = original + rebroadcast
University of Hawaii Cable Programming 2013
Credit Courses

January – June 2013

American Studies 202
Anthropology 200
Biology 171, 172
Botany 101* & 130
Business 120, 320
Business Law 200
Chemistry 151
Culinary 112
East Asian Lang & Lit 271, 272
Food Science & Human Nutrition 185
Geography 122
Geology 101
Hawaiian 101, 102
History 251

Info. Comp. Sci 111, 141*, 186, 187, 211*, 241
Japanese 101
Law 111
Math 24
Math 103, 115, 118
Microbiology 130
Music 121Z
Pharmacology 203
Psychology 200
Speech 151, 251

* = new programs

July - December 2013

American Studies 202
Anthropology 200
Biology 171, 172
Botany 130
Business 200
Business Law 200
Chemistry 151
Culinary 112
East Asian Lang & Lit 271, 272
Food Science & Human Nutrition 185
Geography 122
Geology 101
Hawaiian 101, 102
History 251, 281, 291
Info. Comp. Sci 111, 141, 171, 211, 241
Japanese 101
Law 111
Management 310
Math 24
Math 115
Microbiology 130
Music 121Z
Nursing 100
Pharmacology 200, 203
Psychology 200
Science 122
Speech 151, 251
Zoology 141
University of Hawaii
Informational Programs
Locally Produced

Biblio vision*
Distinguished Lecture Series
English Dept. Colloquium*
Emeritus College
Family Caregivers*
Focus on UHH
Invasive Species
Island Connections*
Kupuna Connection
SHIG Happens
Student Success*
Take Charge of Your Money 3
TIM School Lecture Series*
Tomorrow’s Table Lecture*
Topics Hawaii*
UH Guest Lectures*

UH Presents

* = new episodes within title

Informational Programs
Produced Elsewhere

Biology of Small Life
Exploring the Diversity of Life
UWT V
Various
Appendix 2.

HDOE Programming Matrix
2013
Name of Grantee: **Hawaii State Department of Education**

Contact Person: **Barry Nakasone**

Dates Covered in this Report: **January 1 to December 31, 2013**

<table>
<thead>
<tr>
<th>UNITS OF MEASURE</th>
<th>1/1/2013 to 6/30/2013</th>
<th>7/1/2013 to 12/31/2013</th>
<th>YEAR TO DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Number of hours of programming</td>
<td>4,011 Hours</td>
<td>4,087 Hours</td>
<td>8098 Hours</td>
</tr>
<tr>
<td>Number of hours of credit courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Live</td>
<td>83 Hours</td>
<td>107 Hours</td>
<td>190 Hours</td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>226 Hours</td>
<td>147 Hours</td>
<td>373 Hours</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>83 Hours</td>
<td>107 Hours</td>
<td>190 Hours</td>
</tr>
<tr>
<td>Number of hours of non-credit programs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Live</td>
<td>12 Hours</td>
<td>16 Hours</td>
<td>28 Hours</td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>947 Hours</td>
<td>1033 Hours</td>
<td>1980 Hours</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>12 Hours</td>
<td>16 Hours</td>
<td>28 Hours</td>
</tr>
<tr>
<td>Number of hours of educational programming</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>From non HDOE Institutions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Live</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>• Taped delayed</td>
<td>1324 Hours</td>
<td>1330 Hours</td>
<td>2654 Hours</td>
</tr>
<tr>
<td>• Rebroadcast</td>
<td>1324 Hours</td>
<td>1331 Hours</td>
<td>2655 Hours</td>
</tr>
</tbody>
</table>
Alphabetical Listing of Programming Titles on HDOE’s TEACH channel

A
A.P. Calculus 13
A.P. Statistics 13
Abstract Expressionism
Acura Hawaii Pro-Jr Skills Challenge 2014
Adventurous World of Algebra
Advocates of Change
Africa's Child
Africa: South of the Sahara
Algebra Camp Experience for Teachers, The
Alone at Home: The Latchkey Video
Alternative Energy Sources
America in the 20th Century
America on the Move
American Discovery
American Painters
American Tall Tales & Legends
Angus and the Ducks
Animal Alphabet A-Z
Architects of Change
Architects of Change 2
Art Classic Stories
Art Hunter
Art of Fra Angelico, The
Art of Teaching The Arts: Workshop for High School
Art of the Netherlands
Art Smarts
Art Zone
Artifacts & Fiction: Workshop In American Literature
Artists of Hawaii
Artists of Hawaii li
Assistive Technology: A.T. The Forefront

B
Balltown
Basic Drawing Instruction
Beneath The Surface: Sea Otter Health, Ocean Health and our health
Biographies of Famous People
Biology Collection, by the Visual Learning Company
Bloodborne Pathogens: in the School Setting
Blue Ribbon Schools
Body Atlas
Boe Student Member
Boys Will Be Boys
Bridging World History

C
Cay, The
Celebrating American: Symbols and Ceremonies
Changing Face of Asia, The
Charley Chapters
Childhood: A Journey
Children of the World - Kanto Productions
Elementary Math
Elementary Physical Science - Visual Learning Company
Elementary Science - Visual Learning
Encouraging Words
Engaging with Literature: A Video Library, Grades 3-5
Engaging with Literature: A Workshop for Teachers, Grades 3-5
English Composition: Writing for An Audience
Environmental Studies
Essential Science for Teachers: Life Science
Essential Science for Teachers: Physical Science {Annen}
Ethics in a Global Society
Excellence In Teaching
Exercise! It's Good for You!
Expanding Canon: Teaching About Multicultural Literature In High School, The
Exploring America: Unit 3: Resources and Responsibilities
Exploring Earth, Sun, and Moon
Exploring The Diversity of Life
Exploring The Islands
Exploring The World of Music
Eye of the Cyclops

F
Famous Explorers
Ferdinand Magellan and the First Voyage Around The World
Financial Fitness for Young Adults
Financing Your Future
First Look, A
Flight School
Flower Traditions of Hawai`I
Focus On Families
Fourways Farm Series: K-1 Science
Fresh Waters Flowing

G
Garbage Into Gold
Genes, Genetics & Dna
Genetics
Genetics In Food: Changing Mother Nature
Geography Update: Good News from Kids
Get A Winning Attitude
Gift of Self Esteem, The
Glaciers and Glaciation
Good Conversation!
Goodnight, Gorilla
Great Grammar
Green Matters: What in the World Is Going On?
Greenpeace: The Story
Growth of the English Colonies, 1620-1700: From Massachusetts Bay to the Carolinas
Guerrilla Guide to Politics, The

H
Had You Lived Then: Life in the Woodlands Before the White man came
Hais Issues & Perspectives
Hais: 2012-2013
Hais: 2013-2014
Hand In Hand: The Ultimate Community Collection
Hawaii Academies
Hawaii In Transition: Vision for a Sustainable Future
Hawaii Student Digital Showcase 13-14
Hawaii Voices of Civil Rights
Hawaiian In Spirit and Action
Healthy for Life
Healthy Me
Heroes of Today and Yesterday: Abraham Lincoln
Hikids: Hawaii Individualized Kindergarten Inventory of Developing Skills Pilot
History In Focus
History of Life Series: A Study In Evolution
History Through Literature
History's Ancient Legacies
Ho'omau = to Perpetuate
Holidays Video Series
Hookipa Workforce Academy
Hot Topic with the Improve Troupe
How Do They....

I
I Love Music!
Innovators
Inside A Cell
Insights Into Algebra 1: Teaching for Learning
Introduction to Hawaii's Public School System
Introduction to Parts of Speech
Inventions for Students
Islam and Culture: Dispelling The Myth

J
Japan Video Topics 2000
Japan Video Topics 2001
Japan Video Topics 2002
Japan Video Topics 2003
Japan Video Topics 2004
Japan Video Topics 2005
Japan Video Topics 2006
Japan Video Topics 2007
Japan Video Topics 2008
Japan Video Topics 2008-2009
Japan Video Topics 2009-2010
Japan Video Topics 2010-2011
Japan Video Topics 2011/2012
Japan Video Topics 2012/2013
Japan Video Topics 2013/2014
Japanese for Kids
Journey to Planet Earth
Journeys of the Heart
Junior Environmental Scientist

K
Kaala Elem. Healthy Practices
Kahiau A Tennis Foundation
Ke 'imi No'i
Ke Ao Nei: Bright Sparks
Ke Kupu Nei
Kidphysics Unit 1
Kidphysics Unit 2
Kidphysics Unit 3 The Interaction of Matter?
Kids in the Garden
Kolohe Time
Kragnatz Conquers Language Arts K-3

L
Lab Safety
Last Neanderthal, The
Latin America: The Thirsty Cities
Learning Centers
Learning Math: Measurement
Legal Fairy Tales
Leo The Late Bloomer
Let's Explore
Let's Get Along!
Life Lessons
Life Saved, A
Life Skills 101
Lifelines
Listening to Learn
Little Fables
Living Things Series, Visual Learning Systems
Looking at Learning....Again, Part 2
Looks Good

M
Madison Heights
Major Decision Career Guidance
Making Civics Real: A Workshop for Teachers
Mandarin for Kids, Grades 3-4
Mandarin for Kids, Grades K-2
Many-Sided World of Geometry, The
Maria Mitchell: Explorer of the Stars
Mark Kistler's Imagination Station
Math Monsters
Mathema
McKinley Community School for Adults
Measuring Series, Visual Learning Systems
Metlife & Nassp: Principal of the Year Awards 2013
Microorganisms
Modern Biology
Modumath Measurement
Money and Power: The History of Business
Money Essentials for Students
Motion, Energy and Force
Mountains and Mountain Building Processes
Move - Milliani Oceanic Video Exploration 13-14
Multicultural Food
Music Factory - The Future of Music Education
Music Factory Kindergarten to Grade 2
Music Literacy Grades 3-4
My Beautiful House!
My Blog
Real Life Art
Real People
Real People: Eat Right! Have A Healthy Body Image
Recognition of Students National Achievement Awards
Red Crowned Parrots
Rediscovering Biology: Molecular to Global Perspectives
Redox Rocks
Relativity: Einstein's Special Theory
Relief Printing: How It's Done
Ride, Directed By Nathan Kurosawa, The
Rings, Kings, and Things
Rocks and Minerals

S
Safety Saves Safety Works
Sam and the Lucky Money
Sandscapes
Saturn's Eyes
Save A Life
Say It In Chinese
School Rules
Science Key Concepts
Science Sessions
Scientific Method
Scientific Processes
Seasons Series, The
Seasons Under The Sun
Secrets of Archaeology
Senegal: Amadou and His Horse-Taxi
Shape of Life, The: Story of the Animal Kingdom
Sharp Wits, The
Silent Suffering
Sketches of the World
Skills and Drills
Smart Play
South Asia: People and Places
Space Tech
Special Education Referrals (Shana S)
Spin Around The Solar System, A
Split-Infinitive World of English Grammar, The
Starsteps: Conflict Resolution Strategies for Students
Stories from the Seventh Fire
Stories to Tell
Story of Read-Alee-Deed-Alee, The
Student Workshop: Decisions, Decisions
Student Workshop: Let Me Tell You How I Feel
Student Workshop: When You Can't Work It Out
Suicide: A Guide to Prevention
Symbols of America

T
Teaching High School Science
Teaching Multicultural Literature: Workshop for the Middle Grades
Teaching Reading 3-5 Workshop
Teen Character Education
Teen Stories
That's Imagination
The Little Scientist
There Is No Food Like My Food
Three Legends of Australian Aboriginals
Thrilling Experiments
Time for Math
To The End of the World Without A Penny
Tooth Truth with Harv and Marv
Total Health: Becoming Physically Fit
Tsunami Awareness

U
U.S. Symbols
Understanding for Students
Understanding Terrorism
Unicef--50 Years
United States
Universal Words

V
Voices and Wings
Voyageur Experience, The

W
Wa Kuk Wa Jimor - Marshallese Canoes Today
Waa, Nihongo!
Waves, Tides and the Coastal Environment
Weather and Climate
Weather Series - Visual Learning Company
What Is American Colonial Architecture?
What's A Natural Resource?
What's The Story?
What's Up In Space? The Solar System for Kids
Where Were You? , Events That Changed The World
Whole Child, The: A Caregiver's Guide to the First Five Years
Wildlife Explorers
Women As Role Models
World Heritage
World Odysseys
World of Abnormal Psychology, The
World of Art, A: Works In Progress
World of Chemistry, The
Write in the Middle: A Workshop for Middle School Teachers
Write Right Learning Cursive
Write Stuff, The