Introduction to the University Archive: A Web-Based Instruction Module

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Today’s Agenda

- Background
- Design
- Results
- Findings
- Conclusion
Background

Archivist at UHM
Background

Archivist at UHM

Poll:
Who has visited an archive before?
Background

- Archivist at UHM
- Class visits
Background

- Archivist at UHM
- Class visits
- Rules & Procedures
Background

- Archivist at UHM
- Class visits
- Rules & Procedures
- Primary Source analysis
Background

Problem Statement

The purpose of this instructional design project is to develop and evaluate the effectiveness of an online instruction module on how to use a university archive for undergraduate researchers at the University of Hawaiʻi at Mānoa.
Background

Literature Review

 “By moving the delivery of foundational principles to digital media, such as video lectures or tutorials, class time is freed up for engaging activities that allow students to apply these basics to practical scenarios in the presence of their instructor” (Arnold-Garza, 2014, p. 10).

 Arnold-Garza found that “student response to the flipped classroom was positive, with most students generally agreeing that they felt the model was helpful and supported their learning” (p. 11).
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Design

YouTube

weebly
Surprisingly easy

iMovie

Google forms

Testmoz
Test Generator
An Introduction to University Archives

Pre-Test

This pre-test is meant to help me measure how helpful my module is. Please do not spend too much time with this pre-test. If you do not know the answer, just guess and move on. Further information on each question will be provided after you complete this pre-test so do not stress over getting a perfect score.

1. Click the blue link and a new tab will be opened with the pre-test.
2. I'll need to track your progress but do not need your real name. Please make up a name that you will remember as it will be used throughout this module. Pick a name that's not too common so that there aren't 15 Johns or James.
3. Use 1234 as the passcode to access the pre-test.
4. Afterwards, close the tab and return to this page where you will click the "Continue to Chapter 1" button below.

https://testmoe.com/555712

CONTINUE TO CHAPTER 1
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CONTINUE TO CHAPTER 1
Intro to Archives Pre-Test

Aloha! Let's test your skills on navigating an archive and finding research materials. Remember, this is a pre-test so you are not expected to know all the answers. Don't take too much time on each question.

**Question #1** (1 point)

Which of the following is the definition for possessions?

- [ ] A location where researchers access and use archival materials.
- [ ] Principles of action adopted by a government, party, individual, or business.
- [ ] The systematic study of materials and resources in order to establish facts and reach new conclusions.
- [ ] Items of property; something belonging to a person.

**Question #2** (1 point)

Which of the following possessions are allowed in the archive?

- [ ] Pen
- [ ] Purse
- [ ] Laptop
- [ ] Backpack
An Introduction to University Archives

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CONTINUE TO CHAPTER 1
## Results

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<th>Characteristic</th>
<th>Number</th>
<th>Percentage</th>
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<tbody>
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<td><strong>Gender</strong></td>
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<tr>
<td>Male</td>
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<td>46%</td>
</tr>
<tr>
<td>Female</td>
<td>7</td>
<td>54%</td>
</tr>
<tr>
<td><strong>Age</strong></td>
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<tr>
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<td>8%</td>
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<tr>
<td>26-35</td>
<td>6</td>
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<td>46-60</td>
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<td>0%</td>
</tr>
<tr>
<td>Over 60</td>
<td>4</td>
<td>31%</td>
</tr>
</tbody>
</table>
Results

Researched in an archive before?

- No: 12
- Yes: 2
Results

Comfort with Research Skills

- Not Comfortable: 46%
- Somewhat Comfortable: 39%
- Very Comfortable: 15%
Experience with online courses?

- No: 9
- Yes: 4
Results

Comfort with Technology

- Not Comfortable: 31%
- Somewhat Comfortable: 46%
- Very Comfortable: 23%
Results

Test Scores by Learning Objective

Scores (percentages)

Learning Objectives

- Pre-test
- Embedded Test
- Post-test
Results

Test Scores by Learning Objective

Scores (percentages)

Learning Objectives

1 2 3 4 5 6

Pre-test Embedded Test Post-test
Results

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Scores (percentages)

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<th>Post-test</th>
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<tbody>
<tr>
<td>2</td>
<td>54%</td>
<td>92%</td>
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<td>92%</td>
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</tr>
<tr>
<td>12</td>
<td>62%</td>
<td>100%</td>
<td>100%</td>
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</tbody>
</table>
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<th>Post-test</th>
</tr>
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<tr>
<td>5</td>
<td>31%</td>
<td>54%</td>
<td>100%</td>
</tr>
<tr>
<td>15</td>
<td>31%</td>
<td>54%</td>
<td>92%</td>
</tr>
</tbody>
</table>
Findings

- Attitudinal Survey
  - 9 close-ended questions
    - Strongly Disagree 1 2 3 4 5 Strongly Agree
    - All questions scored between a 4 and 5
  - 2 open-ended questions
Attitudinal Survey

1. I felt confident in my ability to answer the questions in the final test
2. The final test adequately measured my knowledge of the concepts learned
3. I received sufficient feedback on the practice exercises
4. Practice exercises were relevant to the content being presented
5. There were sufficient practice exercises to help me understand each chapter
6. The information presented helped me achieve the stated objectives
7. I understood the concepts taught in the module
8. The content was presented in an interesting manner
9. Content in the module was presented clearly
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3.8 4 4.2 4.4 4.6 4.8 5
Needs better navigation/design

Nice design

Great videos/pictures

Now know more about archives

Improve questions

Lots of reading

Text needs proofreading
Findings

- Happy
- Videos and images
- Didn’t have to grade tests
- Weebly was simple
Findings

- Happy
  - Videos and images
  - Didn’t have to grade tests
  - Weebly was simple
- Unhappy
  - Navigation created by trying to use Testmoz
  - Module was too long, text heavy
Conclusion

Future plans
- Update to fit current institution
- Better analysis of flipped classroom
- Add more videos
- Make it a requirement
- Reduce length
- Put content into LMS
Dr. Fulford
LTEC Faculty and Staff
Critical Friends
Both cohorts
Participants
Questions?

http://introtoarchives.weebly.com/

Email: dainan@hawaii.edu
Image Credits

- Agenda: http://www.peoplefirstca.org/convention.html
- UH Archives’ Reading Room by Dainan Skeem
- Weebly: https://5j15msdavey.wordpress.com
- Testmoz: https://testmoz.com/
- Google Forms: http://www.e-learningeducators.com/
- Youtube: http://www.linkdigital.cl
- iMovie: https://itunes.apple.com
- Find: http://600commerce.com
- Back to the Future: http://backtothefuture.wikia.com
- Mahalo: http://worldartsme.com