Leveraging Data & Learning Outcomes: Tech Toolkit

Computers in Libraries
April 17-19, 2018

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Background Information

- **FA 2016**
  - Meetings held to discuss, evaluate and revise quiz questions
    - Finalized Pre test and post test
  - Pre test and post test questions mapped to learning objective, ACRL framework, performance indicators and AAUC rubric
  - LibWizard used for the quizzes
  - LibGuide used to embed pre and post test
  - Net Support School or Blackboard used to deploy test

- **SP2017**
  - 28 classes used pre- and post- test; 271 students took pre-test; 251 students took post test.

- **FA 2017- FA 2018**
  - Evaluate data and to for Full Launch in concert with FA 2018 Pathways program college wide
Mapping SLO to Framework and Rubrics

Student Learning Outcomes:
- Source Evaluation
- Information Strategy
- Selecting Your Research Topic
- Scholarly and Peer Reviewed
- Credible Sources
- Cite It Right

AACU Rubric:
- Determine the Extent of Information Needed
- Access the Needed Information
- Evaluates information and its Sources Critically
- Use Information Effectively to Accomplish a Specific Purpose
- Access and Use Information Ethically and Legally
- Evidence-Selecting and using information to investigate a point of view or conclusion
- Access and Use Information Ethically and Legally

ACRL Framework:
- Authority is Constructed and Contextual
- Information Creation as a Process
- Information Has Value
- Research as Inquiry
- Scholarship as Conversation
- Searching as Strategic Exploration
Net Support School
http://www.netsupportschool.com/index.asp

Blackboard LMS

Springshare LibGuide/LibWizard

LibWizard
Forms, Surveys, Quizzes, and Tutorials
Feedback and Assessment Tools for Your Library in One Fully Featured, Secure Package.

LibGuides
Curate Resources, Share Knowledge, Publish Content
The Most Popular, Easiest to Use Web Publishing and Content Curation Platform for Libraries.
LIBGUIDE Pre/Post Test Information Literacy

Pre / Post Test: Information Literacy: Home

Information Literacy Assessment

- **Pre-Test**
  The purpose of the information literacy pre-test is to assess your understanding of information literacy fundamentals.

- **Post Test**
  The purpose of the post-test is to assess your knowledge of information literacy fundamentals after attending an information literacy instruction session.

Last Updated: Mar 3, 2017 10:20 AM | URL: http://pgcc.libraryguides.com/infoassessment | Print Page

Login to LibApps
Report a problem.
1. Date (required)
   
2. What is your year of study at PGCC? (required)
   
3. Course Number (required)
   
4. Professor's Name (required)
   
5. Days and Time of your course. For example, Mon. Wed. 9 am. or Tue. Thu. 11 am., or other. (required)
   
6. I have attended a library instruction session previously. (required)
   - Yes
   - No
   - I don't know

7. What three things should you consider when you evaluate the quality of a resource? (required)
   - Credibility, Currency and Fairness
   - Format, Structure and Readability
   - Bias, Reliability and Reasonableness
   - I don't know

8. Which is the best strategy when you find too much information? (required)
   - Broaden your topic
   - Narrow your topic
   - Only use the first few results
# LibWizard Results Pre-test and Post-test

<table>
<thead>
<tr>
<th>Information Literacy Pre-Test</th>
<th>Information Literacy Post Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Score: 65.14</td>
<td>Median 71.43</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question</th>
<th>Average Correct</th>
<th>Question</th>
<th>Average Correct</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Source Evaluation</td>
<td>64.24%</td>
<td>7. Source Evaluation</td>
<td>63.74%</td>
</tr>
<tr>
<td>8. Information Strategy</td>
<td>84.44%</td>
<td>8. Information Strategy</td>
<td>90.84%</td>
</tr>
<tr>
<td>9. Selecting Your Research Topic</td>
<td>50.00%</td>
<td>9. Selecting Your Research Topic</td>
<td>51.65%</td>
</tr>
<tr>
<td>10. Scholarly and Peer Reviewed</td>
<td>75.17%</td>
<td>10. Scholarly and Peer Reviewed</td>
<td>82.42%</td>
</tr>
<tr>
<td>11. Credible Sources</td>
<td>88.74%</td>
<td>11. Credible Sources</td>
<td>91.21%</td>
</tr>
<tr>
<td>12. Cite it Right</td>
<td>93.38%</td>
<td>12. Cite it Right</td>
<td>91.94%</td>
</tr>
</tbody>
</table>
Post-Test Text Analytics “Muddiest Point”

Voyant tools [https://voyant-tools.org/](https://voyant-tools.org/)
Using another person writing in MLA citation ho...

This corpus has 1 document with 1,443 total words and 407 unique word forms. Created about a month ago.

Vocabulary Density: 0.262
Average Words Per Sentence: 30.7

Most frequent words in the corpus: confusing (26), cited (18), understood (16), concept (14), citation (13)
Thank you very much.
Questions?
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