

Library Tutorials Quiz Response Analysis

Diana Finkle

Fall 2015 was the first semester for which we evaluated the responses to our portion of CU 1000. There was no minimum score set and students were allowed an unlimited number of attempts. The additional effort was made to code and analyze free-text responses because we understood we might not be able to conduct the annual survey of course alumni.

Summary Statistics

Statistics were pulled after final due date but do not include unsubmitted (in progress) attempts, almost all of which were predominantly blank (unanswered).

	Freshmen	Transfer
Completion rate	98.6% (3,401 students)	93.8% (1,225 students)
Total attempts	3,370?	1,544
Attempts per student*	?	1.27
Average grade	94.91	93.80
>100	104	51
90-100	2,502	843
80-89	707	283
70-79	30	22
60-69	40	26
<60	15	13

*Of those who began at least one attempt.

Average Score per Question

	Freshmen	Transfer
Question 1	*	10.01
Question 2	*	19.91
Question 3	*	15.19
Question 4	*	14.88
Question 5	*	12.63
Question 6	*	15.85
Question 7	*	15.99

*Data could not be retrieved from Blackboard.

Analysis of Transfer Student Responses

Question 1

[Watch the video](#) and name two items mentioned that you might use while at Clemson.

Five most frequently mentioned overall:

CCIT	18.48%
Books	15.00%
Audiobooks	9.48%
Quiet study areas	7.45%
eBooks	7.21%

Question 2

Name one of the helpful library services mentioned [in the video](#).

Items with 10%+ mention rate:

Research & Course Guides	29.57%
Ask A Librarian	27.20%
Subject Librarian(s)	23.60%
Resource Sharing	11.93%

Primary method for asking a librarian

Call/phone	13.36%
Blackboard	11.52%
Text	9.22%

Most frequent among all mentions

Text	31.90%
Call/phone	25.77%
Blackboard	19.63%
Email	15.34%
Chat	3.68%

Question 3

[Watch the video](#) and use what you learn to answer the following questions.

Reminder: You can pause the video, make it full-screen, and watch it again (as you answer the questions) if you like.

	Percent Correct
Website*	99.17
Article*	99.26
Graph of your own unpublished data	87.45
Discussion board post*	94.63

YouTube video*	98.60
Book*	99.51
Creative Commons image*	78.53
Public Domain image	71.84

*This was a multiple-answer question with partial percentages awarded.

Question 4

What is the best way to find out which citation style to use for an assignment?

Ask your professor	92.981%
Ask a librarian	6.854%
Find a similar assignment online	0.165%
See what your friend is using	0%

Question 5

When you use an idea from someone else but put it in your own words, you should _____ to avoid plagiarism.

Cite it	78.943%
Quote it and cite it	19.818%
Quote it	1.156%
Underline it	0.083%

Question 6

If an image shows up in a Google search, it is okay to use it however you want.

True	0.908%
False	99.092%

Analysis of Freshman Student Responses

Question 1

[Watch the video](#) and name two items mentioned that you might use while at Clemson.

Five most frequently mentioned overall:

Books	20.04%
CCIT	19.90%
Audiobooks	13.65%
Quiet study areas	6.24%
eBooks	4.55%

Five most frequently mentioned (1st answer):

Books	26.94%
Audiobooks	24.19%
CCIT	21.85%
eBooks	3.35%
Quiet study areas	2.90%

Five most frequently mentioned (2nd answer):

CCIT	18.38%
Books	13.56%
Quiet study areas	9.71%
eBooks	5.86%
iPads	5.83%

Five most frequently mentioned [3rd answer (not required)]:

CCIT	20.83%
DVDs	11.11%
Quiet study areas	8.33%
Journal articles	8.33%
Outdoor study areas	6.94%

Associated responses: items most and least likely to have named item as 2nd answer

Example: 7.96% of students who responded “eBooks” listed audiobooks as the 2nd resource.

Audiobooks

Most: eBooks (7.96%), iPads, (5.15%), CCIT (5.15%)
Least (0%) Language learning software, quiet study areas

Books

Most: audiobooks (33.54%), DVDs (15.05%), Quiet study areas (14.29%)
Least: Language learning software (4.29%)

CCIT

Most: Books (34.54%), study rooms (30.61%), audiobooks (25.34%)

Least: iPads (4.12%) and DVDs (4.30%)

DVDs
Most: audiobooks (7.96%), books (6.71%), eBooks (2.65%)
Least (0%): journal articles, quiet study areas, study rooms

eBooks
Most: DVDs (31.18%), iPads (9.28%), CCIT (6.50%)
Least (0%): journal articles, language learning software

Google search tips
Most: eBooks (6.19%), DVDs (3.23%), journal articles (2.86%)
Least (0%): iPads, Language learning software, study rooms

HD video cameras
Most: DVDs (6.45%), eBooks (5.31%), Quiet study areas (2.04%)
Least (0%): journal articles, language learning software, study rooms

iPads
Most: eBooks (15.04%), DVDs (13.98%), Books (6.49%)
Least (0%): journal articles

Journal articles
Most: eBooks (11.50%), Quiet study areas (8.16%), CCIT (7.99%)
Least: language learning software (2.86%)

Language learning software
Most: Journal articles (21.43%), iPads (15.46%), CCIT (6.91%)
Least likely (0%): study rooms

Macs with Adobe Creative Suite
Most: iPads (4.12%), study rooms (4.08%), eBooks (3.54%)
Least (<1%): audiobooks, journal articles

Newspapers
Most: language learning software (14.29%), iPads (12.37%), journals (7.14%)
Least (0%): study rooms

Outdoor study areas
Most: language learning software (15.71%), journals (10.00%), CCIT (9.35%)
Least: audiobooks (0.61%)

Projectors
Most: Journal articles & language learning software (4.29%), iPads (3.09%)
Least (0%): DVDs, eBooks, study rooms

Quiet study areas
Most: journal articles (22.86%), CCIT (19.51%), language learning (18.57%)
Least: DVDs (1.08%)

RefWorks

Most: quiet study areas (5.10%), language learning (2.86%), eBooks (2.65%)
Least (0%): DVDs, iPads, journal articles

Study rooms

Most: quiet study areas (13.27%), language learning (12.86%), CCIT (4.61%)
Least (0%): DVDs

Vending machines

Most: quiet study areas (6.12%), study rooms (4.08%), DVDs (2.15%)
Least (0%): eBooks, journal articles, language learning software

Writing Center help area

Most: study rooms (14.29%), quiet study areas (13.27%), journal articles (7.14%)
Least (<1%): eBooks, audiobooks

(Zealous) library staff

Most: study rooms (6.12%), quiet study areas (2.04%), journal articles (1.43%)
Least (0%): DVDs, eBooks, language learning software

Question 2

Name one of the helpful library services mentioned [in the video](#).

Items with 10%+ mention rate overall:

Subject librarians	35.55%
Research & Course Guides	32.38%
Ask A Librarian	16.41%
Resource Sharing	12.75%

Items with 10%+ mention rate (1st answer):

Subject librarians	36.50%
Research & Course Guides	31.79%
Ask A Librarian	17.14%
Resource Sharing	11.84%

Items with 10%+ mention rate [2nd answer (not required)]:

Research & Course Guides	41.26%
Resource Sharing	26.46%
Subject librarians	21.08%

Primary method for asking a librarian

Blackboard	39.39%
Phone	25.00%
Text	20.45%
Email	11.36%

Most frequent among methods mentioned

Blackboard	10.09%
Text	8.81%
Email	6.11%
Call/phone	5.82%

Questions 3-6

Summary data from within Blackboard could not be downloaded, so there is no information on this section as there is for transfer students.

Discussion

Completion rates and grade distributions were acceptable for both sections. There did not appear to be any questions or answer choices that were especially confusing or problematic. Students had the most trouble with the question about citing a source, but more than three fourths of them answered it correctly. The summary statistics helped inform the decision to set a passing score of 60 for spring 2016. Even when no minimum score was specified, few students scored less than a 60.

It is no surprise that audiobooks, books, and CCIT were most mentioned by both sections since those are the first covered in the video. It is more interesting that quiet study areas and eBooks were the fourth and fifth most common responses for both student types. The data for associated responses (freshmen only) are interesting and may give some clues in marketing additional services to some populations; however, it is by no means a rigorous test of correlation. It seems the biggest determinant of second response is the alphabetic position of the first. For example, a third of students who listed audiobooks also said books and a third who listed books said CCIT next. There were at least some pairs that seem to transcend this “ease of response” correlation.

Students who listed _____ first are also interested in _____.

Quiet study areas books and study rooms

Study rooms CCIT and Writing Center help area

eBooks iPads and journal articles

Journal articles quiet and outdoor study areas

Subject librarians and research and course guides were the services mentioned most often by freshmen. Transfer students mentioned research and course guides followed by the Ask A Librarian service. Of the students who volunteered the method by which they can contact a librarian, freshmen mentioned Blackboard (10%) and transfer students mentioned texting (31.9%). Once we have received and processed responses to the annual CU 1000 alumni survey, it will be interesting to revisit this information and see what information students still remember a semester later.