



## Student Use of Digital Learning Materials

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### Pre-Survey

This research is being conducted by Glenda Morgan from the Office of the Chief Information Officer at the University of Illinois at Urbana-Champaign along with Charles Dziuban and Patsy Moskal from the University of Central Florida, Alan Wolf from the University of Wisconsin-Madison and two independent consultants, Flora McMartin and Joshua Morrill. You are being asked to participate in a research study on how students from Science, Technology, Engineering and Math (STEM) disciplines use digital resources and collections of those resources to enhance their learning and understanding.

We will be asking you some questions soon in a focus group discussion, but while you wait for that to start, we would appreciate your taking some time to answer some general questions about your technology use below. It should not take you longer than 5 minutes to answer the questions.

Please answer the following questions as best you can by checking the box that best fits your answer. You do not need to answer any questions that you do not wish to answer and should feel free to stop doing the survey at any time.

1. To what degree do you agree or disagree with the following questions? Check the box that best describes you where 1 represents Complete Agreement and 7 represents Complete Disagreement. Circle one number per row.

	Completely Agree						Completely Disagree
I enjoy the extra flexibility that mobile devices bring to my life.	1	2	3	4	5	6	7
Internet-connected technology helps me control my life.	1	2	3	4	5	6	7
I am happy when my cell phone rings.	1	2	3	4	5	6	7
I need help setting up new electronic devices or services.	1	2	3	4	5	6	7
Technology makes me feel overloaded with information.	1	2	3	4	5	6	7



I would not trust a company with a poorly designed web site.	1	2	3	4	5	6	7
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2. In a typical week, how often do you do the following? Check one box per row.

	Never	Rarely (2 times a week or less)	Sometimes (3 or more times per week)	Very Often (daily)	Always (multiple times a day)
Start or manage a blog, online group or web page.					
Comment on a blog post or other online group.					
View an online review (Yelp, Amazon, Facebook etc.).					
Post an online review (Yelp, Amazon, Facebook etc.).					
Post content to YouTube or other video hosting site.					
Watch television shows on a device other than a TV (computer, iPod, phone etc.).					
Use online access to seek out information.					
Post recordings or pictures online to share with friends (e.g., on Flickr or Facebook).					
Download or listen to a podcast.					



3. To what degree do you agree or disagree with the following statements? Check the box that best describes you where 1 represents Complete Agreement and 7 represents Complete Disagreement. Circle one number per row.

	Completely Agree 1	2	3	4	5	6	Completely Disagree 7
My personal devices (e.g. phone, mp3 player) help with my learning.	1	2	3	4	5	6	7
I wish faculty used my personal devices in instruction more often.	1	2	3	4	5	6	7
Social networking applications (e.g., Facebook, Twitter) help me with learning.	1	2	3	4	5	6	7
I wish faculty used social networking applications (e.g., Facebook, Twitter) in instruction more often.	1	2	3	4	5	6	7
I am a multitasker.	1	2	3	4	5	6	7
Digital resources help me better understand course material.	1	2	3	4	5	6	7



4. Imagine a situation where you are working on a class assignment in your major. The assignment is due first thing tomorrow morning, that is, you are under some time pressure but have enough time to do the assignment well. You come across a concept you don't understand and decide to go online to see what you can learn. When you go online in these circumstances to find information to help you understand a difficult concept, what characteristic of the information do you value most? Pick one item per pair. Circle the item that you would value.

Something recommended by friends RECOMMENDED	VS	Something you were able to find quickly SPEED
Something you were able to find quickly SPEED	VS	Something that fully explained the concept COMPREHENSIVENESS
Something that fully explained the concept COMPREHENSIVENESS	VS	Recommended by friends RECOMMENDED

5. Finish the following sentence

The major ways that digital resources (whether used by me or my professors) help my learning is by...

6. Finish the following sentence.

I would use more digital resources to help me better understand concepts I find difficult in my courses if...



A few questions about you, for demographic purposes only.

7. What is your age? Circle the appropriate category.

18-22 years

23-28

29-40

41-65

Over 65 years old

8. Gender. Circle one category.

Female

Male

Prefer not to answer

9. Current employment status. Check one box.

	0 I'm not working	1-9 Hours	10-19 Hours	20-29 Hours	30-39 Hours	40+ Hours
How many hours a week are you employed in a job for pay?						

10. Ethnicity. Check all that apply.

	African American	Asian American	Caucasian/ White	Hispanic	Native American	Other
Ethnicity						

11. How many children do you have living at home? Check one box.

0 I have no children at home	1	2	3	4	5 or more



12. Which best describes your military status? Select one.

Never active in the US military

Prior US military service/Retired

Currently in the US Armed Forces

Currently in the US Military Reserves/National Guard