Introduction

This survey asks about uses and needs for technology in teaching and learning. Your insights will be shared with the teams supporting these technologies. The survey should take approximately 15 minutes to complete and can be submitted anonymously.

Thank you for taking the time to complete this survey. If you have any questions, please feel free to contact us at ASSETT@colorado.edu or 303-735-3813.

Check to certify that you are over 18 years of age.

○ Yes, I am over 18 years of age.

○ No, I am not over 18 years of age.

PARTICIPANT INFORMED CONSENT

Technology Perceptions, Uses, and Needs of Students, Faculty, and Staff to Support Teaching and Learning

Principal Investigator **Michele Jackson**

November, 2010

Please read the following material that explains this research study. Signing this form will indicate that you have been informed about the study and that you want to participate. We want you to understand what you are being asked to do and what risks and benefits—if any—are associated with the study. This should help you decide whether or not you want to participate in the study.

CONTACT INFORMATION

You are being asked to take part in a research project conducted by Michele Jackson, a professor in the University of Colorado at Boulder's Department of Communication, 270 UCB, Boulder, CO 80309.

PROJECT DESCRIPTION

The purpose of this study is to understand more about students, faculty, and staff perceptions, uses, and needs for technology to support teaching and learning. Research shows that technology makes a difference in student's learning experience and outcomes. However, scholars call for more research that investigates the actual needs of the learner. Further, research is needed that ties this to the actual needs of the faculty member. Finally, linking these types of findings are important to designers and supporters of education technology. The knowledge from the study of student and faculty perceptions of technology to support teaching and learning can be used to improve educational technology support organizations. This can have direct impact on improving the types of technologies we use and how we may support the use of those technologies. Therefore, our study asks the following research questions:

·   What expectations and needs do students have for using technology in teaching and learning?
·   What expectations and needs do faculty and staff have for using technology in teaching and learning?
·   How do these two groups' expectations and needs relate to each other?
·   How should these expectations and needs shape technology development and support in higher education?

PROCEDURES

If you agree to take part in this study, you will be asked to complete a survey electronically that will take you about 15 minutes to complete. If you complete the survey, you have the option to enter your name into a random drawing for a $100 gift certificate to the CU bookstore.

RISKS AND DISCOMFORTS

There are no foreseeable risks for participating in this study.

BENEFITS

You may not receive any direct benefit from taking part in this study. However, your participation in this study may help us learn how to better support the use of technology in teaching and learning.

SUBJECT PAYMENT

You will not be paid for participation in this study.

ENDING YOUR PARTICIPATION

You can choose not to participate. If you decide not to participate, there will not be a penalty to you or loss of any benefits to which you are otherwise entitled. You may withdraw from this study at any time.

CONFIDENTIALITY

The results of this study may be published in scientific research journals or presented at professional conferences. However, your name and identity will not be revealed and your record will remain confidential. No identifying information will be used to refer to the participants. Digital survey data will be securely stored on the primary investigator's desktop computer. Anonymous data will be archived for record-keeping purposes. Confidential data (the list of participants providing their email addresses) will be destroyed following the conclusion of the research project. Data will be kept only in electronic form.

QUESTIONS?

If you have any questions regarding your participation in this research, you should ask the investigator before signing this form. If you should have questions or concerns during or after your participation, please contact Michele Jackson at 303-735-2906.

If you have questions regarding your rights as a participant, any concerns regarding this project or any dissatisfaction with any aspect of this study, you may report them -- confidentially, if you wish -- to the Executive Secretary, Institutional Review Board, 3100 Marine Street, Rm A15, 563 UCB, (303) 735-3702.

○ I give my informed consent and choose to complete the survey

○ I do not consent and choose to exit the survey

Basic Information

Are you a faculty, TA/GPTI, student or staff?

○ Faculty, Lecturer, TA or GPTI

○ Undergraduate Student

○ Graduate Student or Post Doc (no teaching appointment)

○ Staff

Do you teach courses offered by an academic unit in the College of Arts & Sciences? (i.e, a Department or a

Program)

○ Yes

○ No

Do you support courses offered by an academic unit in the College of Arts & Sciences, or people who teach in the College of A&S?

○ Yes

○ No

Do you take courses offered by a department or program in the College of Arts & Sciences?

○ Yes

○ No

What is your primary major?

[▲▼]

What is your secondary major?

[▲▼]

What is your class standing?

○ Freshman

○ Sophomore

○ Junior

○ Senior

○ Graduate Student

○ Non degree seeking

About how many credit hours a semester do you usually enroll in?

[   ]

How old are you?

○ 18

○ 19

○ 20

○ 21

○

22

- ○ 23
- ○ 24
- ○ 25
- ○ 26
- ○ 27
- ○ 28
- ○ 29
- ○ 30
- ○ Over 30

In which colleges have you have taken courses at CU? (check all that apply)

- ☐ Arts & Sciences
- ☐ Engineering & Applied Science
- ☐ Education
- ☐ Journalism
- ☐ Music
- ☐ Business
- ☐ Architecture & Planning

What academic program(s) do you teach in or support?

[   ]

How many years have you taught or worked at the college level?

[   ]

Are you a CU graduate student?

- ○ Yes
- ○ No

What degree are you pursuing?

- ○ MA
- ○ MS
- ○ MFA
- ○ MBA
- ○ PhD
- ○ Other (please specify)

What year did you receive your undergraduate degree?

[dropdown ▲▼]

Did you receive your undergraduate degree from CU?

- ○ Yes
- ○ No
- ○ I haven't graduate yet

Where did you receive your undergraduate degree?

[text box]

Technology Use

Which of the following electronic devices do you use regularly?

- ☐ Desktop Computer
- ☐ Laptop Computer
- ☐ e-Book reader (e.g., Kindle, Nook)
- ☐ Cell Phone without Internet access
- ☐ Cell Phone with Internet access
- ☐ iPad, iPod, iTouch, Android-enabled device, or Blackberry

About how many hours per week do you normally spend on each of the following activities using an electronic device?

	Less than 1 hour	1-2 hours	3-5 hours	6-10 hours	11 or more hours
Classroom activities using an electronic device	○	○	○	○	○
Playing computer games	○	○	○	○	○

	Less than 1 hour	1-2 hours	3-5 hours	6-10 hours	11 or more hours
Downloading or listening to music or videos/DVDs	○	○	○	○	○
Chatting/texting with friends or acquaintances	○	○	○	○	○
Social networking	○	○	○	○	○
Finding information for activities or interests not related to coursework	○	○	○	○	○

I prefer taking classes that use...

○ no information technology

○ a limited amount of technology

○ a moderate amount of technology

○ an extensive amount of technology

○ all online technologies with no required face-to-face interactions

I prefer teaching with...

○ no information technology

○ a limited amount of technology

○ a moderate amount of technology

○ an extensive amount of technology

○ all online technologies with no required face-to-face interactions

Do you want to use more technology?

○ Yes

○ No

What would you want for support? Check all that apply.

- ☐ skills training
- ☐ technical support
- ☐ monetary support
- ☐ access to a computer
- ☐ access to a printer
- ☐ applications installed on my computer
- ☐ help connecting to the Internet
- ☐ no support needed
- ☐ Other

How would you prefer to learn about using technologies more effectively (you may choose all that apply)?

- ☐ Text and video step-by-step guides
- ☐ One-on-one support
- ☐ Demonstrations
- ☐ Session in a computer lab
- ☐ Open lab time (work on your course with someone on hand for support if needed)
- ☐ Ask a colleague(s)
- ☐ Exploring and experimenting on your own
- ☐ On call

The use of technology in my classes...

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
Makes me spend more time engaged in course activities.	○	○	○	○	○
Generally meets my expectations.	○	○	○	○	○
Usually increases my interest in the subject matter.	○	○	○	○	○
Improves the presentation of my work.	○	○	○	○	○
Helps me get better grades.	○	○	○	○	○

The use of technology in my classes has helped me...

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
Better understand complex	○	○	○	○	○

	Strongly Disagree	Disagree	Neither Agree nor Disagree	Agree	Strongly Agree
or abstract concepts.					
Better communicate with the instructor.	○	○	○	○	○
Better communicate and collaborate with my classmates.	○	○	○	○	○
Resulted in prompt feedback from the instructor.	○	○	○	○	○
Provides more opportunities for practice and reinforcement of what I have learned.	○	○	○	○	○
Take greater control of my class activities (e.g., planning, apportioning time, noting success and failure).	○	○	○	○	○

Technology Perceptions

What is your expertise with computer & online technology generally?

○ Novice

○ Somewhat Knowledgable

○ Very Knowledegable

Do you expect to improve your ability to use technology while at CU?

○ Yes

○ Maybe

○ No

Would you take an online course?

○ I have already   ○ I would never consider it

○ I would consider it   ○ Why? [   ]

Would you consider teaching an online class?

○ I have already

○ I would consider it

○ I would never consider it

Would you chat with your teaching assistants online to get help with a question on an assignment?

○

Yes

○ Maybe

○ No

Would you chat with your students about course questions online if that assistance was helpful to them?

○ Yes

○ Maybe

○ No

Would you seek assistance for your writing online?

○ Yes

○ Maybe

○ No

Desire 2 Learn

Over the next few semesters, we will be adopting a new CULearn.

Which of these is important for you to learn more about using? Check all that apply.

		Not Important	Important	Very Important
Uploading files (e.g., readings, lecture notes, syllabus)		○	○	○
Grade book		○	○	○
Discussion forums		○	○	○
Assignment drop box		○	○	○
Posting web links		○	○	○
Calendar		○	○	○
Quiz		○	○	○
Email		○	○	○
Facilitating group work online		○	○	○
Social media application (e.g., wikis, blogs, other)		○	○	○

Are there other topics, not listed above, that you are interested in learning more about the new CULearn?

Which of these resources would you use to help you learn more about the new CULearn?

- ☐ Text and video step-by-step guides
- ☐ One-on-one support
- ☐ Demonstrations
- ☐ Session in a computer lab
- ☐ Open lab time (work on your course with someone on hand for support if needed)
- ☐ Ask a colleague(s)
- ☐ Exploring and experimenting on your own
- ☐ On call

Other Technology Needs

Which of the following should be the top 3-5 priorities for investing in technology for teaching and learning in the College of Arts & Sciences?

- ☐ Improve websites for courses
- ☐ More student computer labs
- ☐ More (or improved) classroom equipment
- ☐ More ITS Bugbusters
- ☐ Develop new courses that use technology
- ☐ More College site licenses for software programs
- ☐ 1-on-1 training for faculty and responding to their questions
- ☐ 1-on-1 training for staff and responding to their questions
- ☐ 1-on-1 training for students and responding to questions
- ☐ Develop new courses that use technology
- ☐ Revise existing courses to use technology (or use it better)
- ☐ Encourage teachers to use technology innovatively, to be on the "cutting edge."
- ☐ CU Learn training & support
- ☐ Support for new CUConnect (MyCUinfo)
- ☐ Support for Lecture Capture
- ☐ Support for CU iTunesU

Do you know of a specific opportunity that the College of Arts & Sciences should consider funding or developing, which is related to using technology for teaching and learning?

[   ]

Contact

Other Comments?

To enter your name in the drawing for a $100 gift certificate to the CU Bookstore, please leave your colorado.edu email address (only colorado.edu addresses will be valid, so we can be sure each person enters the drawing only once!):

Would you be willing to participate in a focus group on technology and learning?

○ Yes (enter your email address above so we can contact you)

○ No

Would you like to receive an email when new surveys are posted (with another chance to win a drawing)?

○ Yes (enter email above)

○ No