

This is a printable version of an online survey. The online survey varies in format based on branching or “skipping” logic programmed into the survey.

This is a PDF rendition of an online version of the survey. Some questions and answer options have been removed from the initial PDF version (published in November 2012) to maintain the 20-minute maximum time frame for the survey. The content of the final version does not substantively deviate from what was initially published, and a version showing the specific changes is available upon request from ecarstudy@educause.edu.

Message to Participants

Welcome to the 2013 ECAR student technology survey. This survey should take you no more than 20 minutes to complete, and your responses are anonymous. We ask questions about your experiences with and attitudes toward technology and your academic experiences. Your responses will help people on your campus and beyond understand how to use technology more effectively to benefit students. There are no right or wrong answers; we'd just like you to answer as honestly as you can. Participation in the survey is completely voluntary, and at any point you can choose to exit the survey.

You must be at least 18 years old and a full-time or part-time undergraduate student to complete this survey. Click the “Next” button below if you agree to participate.

Section 1: About You

1.1. What is your age? We may only survey students 18 years and older. Required.

<<Dropdown list including Under 18, 18 through 80 in one-year increments, and Over 80. Respondents under 18 must exit the survey.>>

1.2. Which of the following best describes your class standing during the current academic year? Required.

Freshman or first-year student <<Go to Q1.3>>

Sophomore or second-year student <<Go to Q1.3>>

Junior or third-year student <<Go to Q1.3>>

Senior or fourth-year student <<Go to Q1.3>>

Other type of undergraduate student <<Go to Q1.3>>

Not an undergraduate student. Note, only undergraduate students are eligible to take this survey. <<Go to end to exit survey>>

1.3. What college or university do you attend? Required.

<<Dropdown list of colleges/universities that qualify to participate in the study.>>

<<If a student selects an institution that indicated they will NOT use the ECAR incentive message, skip to Q2.1; all others go to Q1.4>>

1.4. If you would like to be entered into a drawing to receive a \$50 or \$100 Amazon.com gift certificate, please provide your e-mail address here. The drawing will be held by June 30, 2013, and e-mail addresses will be permanently deleted from our database no later than July 31, 2013. Your e-mail address will only be used for the purpose of this drawing. _____

Section 2: Device Use and Ownership

2.1 Do you own any of these devices? *Required.*

	No, and I don't plan to purchase one within the next 12 months <<go to 2.3>>	No, but I plan to purchase one within the next 12 months <<go to 2.3>>	Yes, I currently own one
Laptop			<<go to 2.2a>>
Tablet or iPad			<<go to 2.2b>>
Smartphone			<<go to 2.2c>>
Dedicated e-reader			<<go to 2.2d>>
Desktop computer			<<go to 2.2e>>

2.2a What type of operating system (OS) does your *laptop* have? If you have more than one *laptop*, please select the one that you use most often for school-related work.

- Windows
- Mac
- Linux
- Other
- Don't know

2.2b What type of operating system (OS) does your *tablet or iPad* have? If you have more than one *tablet*, please select the one you use most often for school-related work.

- iOS (iPad)
- Windows OS
- Android OS
- BlackBerry OS
- webOS
- Other OS
- Don't know

2.2c What type of *smartphone* do you have? If you have more than one *smartphone*, please select the one that you use most often for school-related work.

- iPhone
- Android phone
- Windows phone
- BlackBerry phone
- Other smartphone
- Don't know

2.2d What type of e-reader do you have? If you have more than one *e-reader*, please select the one that you use most often for school-related work.

- Kindle
- Nook
- Sony Reader
- Other dedicated e-reader
- Don't know

2.2e What type of operating system (OS) does your desktop computer have? If you use more than one *desktop computer*, please select the one that you use most often for school-related work.

- Windows
- Mac
- Linux
- Other
- Don't know

2.3 Regardless of whether you own one, please tell us how you use each device.

	Haven't used in the past year	Use for academic and other purposes	Use for academic purposes only	Use for other purposes only
Laptop				
Tablet or iPad				
Smartphone				
Dedicated e-reader				
Desktop computer				

2.4 How important is each device to your academic success?

	N/A; Don't use the device	Not at all important	Not very important	Moderately important	Very important	Extremely important
Laptop						
Tablet or iPad						
Smartphone						
Dedicated e-reader						
Desktop computer						

2.5 If you use a desktop computer provided by your institution, in what ways or for what purposes do you use it? (Desktops could be in computer labs, library spaces, etc.) Select all that apply. <<multiple responses>>

- Convenience—I don't always bring my laptop with me
- Access library resources
- Access printing services
- Access specialty software
- Access specialty hardware
- Access to faster or more stable Internet connectivity
- Use a designated workspace
- Build academic social networks
- Don't use a desktop provided by my institution
- Other; please specify: _____

2.6 Do you own a printer?

- No
- Yes

Section 3: Technology and the College Experience

3.1 What types of new, better, or “cutting-edge” technologies would benefit your college/university experience?

3.2 Thinking about the past year, please rate your institution’s support for the following activities from a mobile device:

	Service not offered for mobile device	Haven't used service in the past year	Poor	Fair	Neutral	Good	Excellent
a. Accessing library resources							
b. Checking grades							
c. Registering for courses							
d. Accessing financial aid information							
e. Ordering transcripts							
f. Using the course or learning management system (e.g., Moodle, Blackboard, Sakai, Desire2Learn, etc.)							
g. Accessing information about events, student activities, and clubs/organizations							
h. Scheduling appointments (e.g., academic advising, student health, counseling, etc.)							

3.3 Thinking about your college experience within the past year, how many of your instructors:

	None	Some	Most	All
a. ...effectively use technology to support your academic success?				
b. ...provide you with adequate training for the technology used in courses?				
c. ...have adequate technical skills for carrying out course instruction?				
d. ...use “the right kind(s)” of technology?				

3.4. How important is it that YOU are better trained or skilled at using available technologies to learn, study, or complete coursework? *Required.*

- Not at all important <<Go to 3.5>>
- Not very important <<Go to 3.5>>
- Moderately important <<Go to 3.5>>
- Very important <<Go to 3.4a, 3.4b, 3.5>>
- Extremely important <<Go to 3.4a, 3.4b, 3.5>>

3.4a. Give us an example of your training needs or desired technical skills: <<Ask only if Q3.4 is Very Important or Extremely Important>> _____

3.4b. In what way(s) do you want to receive more technical training? *Select all that apply.*<<Ask only if Q3.4 is Very Important or Extremely Important>> <<multiple responses>>

MODE:

- Face-to-face
- Online
- Don't care
- N/A
- Other: please describe _____

LENGTH:

- Full-term (e.g., semester, trimester, quarter)
- Short-term
- Don't care
- N/A
- Other: please describe _____

DESIGN:

- Structured like a traditional course
- On-demand web-based resources
- On-demand help desk support
- Don't care
- N/A
- Other: please describe _____

TRAINER:

- Your instructors
- Your peers
- College/university help desk staff
- Don't care
- N/A
- Other: please describe _____

3.5 How interested are you in your institution providing guidance about course offerings, such as using “you may also like” or “we recommend” suggestions?

- Don't know
- Not at all interested
- Not very interested
- Moderately interested
- Very interested
- Extremely interested

3.6 How interested are you in your institution using information about you to alert you of new or different academic resources (e.g., tutoring, skills-building opportunities, etc.)? *Required.*

- Don't know
- Not at all interested <<go to 3.6a>>
- Not very interested <<go to 3.6a>>
- Moderately interested
- Very interested
- Extremely interested

3.6a Why are you *not* interested in your institution using information they have about you to alert you of new or different academic resources? _____

3.7 Which forms of communication do you wish your instructors used less...or more?

	Don't know or N/A 0	Less 1	2	3	4	More 5
a. E-mail						
b. Text messaging						
c. Instant messaging/online chatting						
d. Twitter						
e. Facebook						
f. Other social networking sites						
g. Social studying sites (Cramster, CourseHero, GradeGuru, etc.)						
h. Phone or phone-like communication over the Internet						
i. Face-to-face (in-person) interaction						
j. Audio/video interaction (virtual face-to-face with Skype "video," G-Talk "video," etc.)						
k. Course or learning management system (Blackboard, Moodle, Sakai, Desire2Learn, etc.)						

3.8 How important are the following resources/tools to achieving your academic success?

	Did not use in the past year	Not at all important	Not very important	Moderately important	Very important	Extremely important
a. Academic institution's library website						
b. Course or learning management system (Blackboard, Moodle, Sakai, Desire2Learn, etc.)						
c. Web-based citation/bibliography tools (EndNote, CiteULike, OttoBib, etc.)						
d. College/university website						
e. E-portfolios						
f. E-books or e-textbooks						
g. Freely available course content beyond your campus (OpenCourseWare, Khan Academy, iTunes U, Mayo Clinic, etc.)						
h. Simulations or educational games						

3.9 In the past year, to what extent have you used freely available course content external to your college/university (i.e., OpenCourseWare, Khan Academy, iTunes U, Mayo Clinic, etc.)? <<Ask only if respective answer in 3.8g indicated use in the past year>>

- () Experimented with open educational resources
- () Use open educational resources on occasion
- () Use open educational resources all the time

3.10 In the past year, to what extent have you used e-portfolios for your academic coursework? <<Ask only if respective answer in 3.8e indicated use in the past year>>

- Used in one course
- Used in a few courses
- Used in about half my courses
- Used in most of my courses
- Used in all of my courses

3.11 In the past year, to what extent have you used e-books or e-textbooks for your academic coursework? <<Ask only if respective answer in 3.8f indicated use in the past year>>

- Used in one course
- Used in a few courses
- Used in about half my courses
- Used in most of my courses
- Used in all of my courses

3.12. In the past year, to what extent have you used simulations or educational games in your coursework? <<Ask only if respective answer in 3.8h indicated use in the past year>>

- Used in one course
- Used in a few courses
- Used in about half my courses
- Used in most of my courses
- Used in all of my courses

3.13 Which resources/tools do you wish your instructors used less...or more?

	Don't know or N/A 0	Less 1	2	3	4	More 5
a. Course or learning management system (Blackboard, Moodle, Sakai, Desire2Learn, etc.)						
b. E-portfolios						
c. E-books or e-textbooks						
d. Freely available course content beyond your campus (OpenCourseWare, Khan Academy, iTunes U, Mayo Clinic, etc.)						
e. Simulations or educational games						
f. Lecture capture (for later use/review)						
g. Online collaboration tools (Blackboard Collaborate, Adobe Connect, Google Docs)						
h. Integrated use of my tablet during class						
i. Integrated use of my smartphone during class						
j. Integrated use of my laptop during class						

3.14 You mentioned that you wanted your instructors to use more freely available course content like OpenCourseWare, Khan Academy, iTunes U, Mayo Clinic, etc.

Please share examples of how you would use this material: _____

<<ask only if Q3.13d >=4>>

3.15 You mentioned that you wanted your instructors to use more simulations or educational games.

Please share examples of the types of simulations or games you would like to see more:

_____ <<ask only if Q3.13e >=4>>

3.16 What online resource do you go to *first* to learn about a new topic? (e.g., Google, your institution's library website, Wikipedia, EBSCOhost or LexisNexus, etc.). _____

Section 4: Learning Environments

4.1 In what type of learning environment do you tend to *learn most*?

- Courses with no online components
- Courses with some online components
- Courses that are completely online
- No preference

4.2 What type of learning environment do you *prefer*?

- Courses with no online components
- Courses with some online components
- Courses that are completely online
- No preference

4.3 In the past year, how many of your courses have been “blended” courses (with some online components and some face-to-face components)?

- None
- A few
- About half
- Nearly all
- All

4.4 In the past year, have you taken a completely online course? Choose all the “yes” options that apply. <<multiple responses>>

- No
- Yes, at the institution that asked me to participate in this survey
- Yes, at a different institution

4.5. In the past year, have you taken a MOOC (massive open online course) through any institution/organization (e.g., Coursera, Udacity, edX, MITx, etc.)? Required.

- No, and I don't know what a MOOC is <<Go to Q4.6>>
- No <<Go to Q4.6>>
- Yes, but I didn't complete one <<Go to 4.6>>
- Yes, and I completed one <<Go to Q4.5a, 4.6>>

4.5a. Did you receive a digital badge or certificate for completing the MOOC?

- No
- Yes

4.6 When you think about documenting the skills you gain during your higher education experiences, which of these would you include in your application portfolio for an employment interview? Select all that apply.

- Undergraduate degree/diploma from an accredited college or university
- Certificate from an accredited college or university program
- Certificate from an industry-based training program
- Certificate of completion from an institution/organization offering freely-available course content
- Digital badge or patch that represents a skills-based competency or completed activity
- N/A
- Other, please specify _____

4.7 To what extent do you agree with the following statement about social networking in conjunction with your learning?

	Don't know	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Agree	Strongly agree
a. I like to keep my academic life and my social life separate.						

4.8 To what extent do you agree with the following statements?

	Don't know	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Agree	Strongly agree
a. I get more actively involved in courses that use technology.						
b. By the time I graduate, the technology I have used in my courses will have adequately prepared me for the workplace.						
c. I skip classes when materials from course lectures are available online.						
d. When I entered college, I was adequately prepared to use technology needed in my courses.						
e. Technology makes me feel more connected to what's going on at the college/university.						
f. Technology better prepares me for future educational plans (i.e., transferring to another degree program, getting into graduate school).						
g. Technology makes me feel connected to other students.						
h. Technology makes me feel connected to professors.						
i. Technology helps me achieve my academic outcomes.						
j. The use of mobile devices in class can enhance learning.						
k. I am more likely to get involved in a campus activity when made aware of it through technology.						
l. Technology makes my education more affordable.						

4.9 Tell us ONE thing that your instructors can do with technology to better facilitate or support your academic success. _____

4.10 Tell us ONE thing that your institution can do with technology to better facilitate or support your academic success. _____

Section 5: Your Personal Computing Environment

5.1 How many Internet-capable devices do you own? *Required.*

- None <<Go to Q5.2>>
- One <<Go to Q5.1a, 5.2>>
- Two <<Go to Q5.1a, 5.2>>
- Three <<Go to Q5.1a, 5.2>>
- Four <<Go to Q5.1a, 5.2>>
- Five <<Go to Q5.1a, 5.2>>
- Six or more <<Go to Q5.1a, 5.2>>

5.1a What is your typical in-class experience with the following devices?

	N/A	Banned from using it in class	Discouraged from using it in class	Neither discouraged nor encouraged about using it in class	Encouraged to use it in class	Required to use it in class
Smartphone						
Tablet or iPad						
Laptop						

5.2 How is a smartphone an effective learning tool during your classes (or how would it be)? *Select all that apply.*

<<multiple responses>>

- To look up information relevant to the lecture/discussion
- To participate in class-related activities/discussions
- To record my instructors
- To photograph information
- To access digital resources
- N/A—a smartphone is not an effective learning tool
- Other, please describe: _____

5.3 Regardless of whether you own one, which of the following issues keeps you from using a smartphone as an academic tool? *Select all that apply.* <<multiple responses>>

- Cost of the device
- Cost of the data service
- Device usability issues (small screen, keyboard, etc.)
- Inadequate battery life
- Limited access to the network (hot spots, wireless carrier coverage, etc.)
- Slow network connection
- Lack of applications that are useful to me
- Cost of applications that are useful to me
- Concern about the security/privacy problems of mobile technology
- Concern about the potential health problems of mobile technology
- N/A—a smartphone is not an effective learning tool
- Other; please specify: _____

Section 6: Demographic and Informational Questions

6.1. May we share your open-ended, written responses with your institution? If you click “Yes,” your written responses will be included in a file with all other written responses from the survey participants at your institution. Written response will be separated from the rest of the survey responses to help preserve individual participants’ anonymity. If you have included information in your written responses that could identify you, we suggest clicking “No.” Required.

- No
- Yes

6.2. Are you...?

- Male
- Female
- Prefer not to answer

6.3. What is your ultimate academic goal, regardless of your current class standing?

- Digital badges or patches that certify my skills
- A vocational/occupational certificate
- An associate’s degree (or equivalent if from an institution outside the United States)
- A bachelor’s degree (or equivalent if from an institution outside the United States)
- A master’s degree (or equivalent if from an institution outside the United States)
- A doctoral degree (or equivalent if from an institution outside the United States)
- Another professional degree (MD, DDS, JD, Ed.D, etc.)
- Other (Please describe) _____

6.4. What is your current or intended major? Pick the one that best fits your primary interest.

- Agriculture and natural resources
- Biological/life sciences
- Business, management, marketing
- Communications/journalism
- Computer and information sciences
- Education, including physical education
- Engineering and architecture
- Fine and performing arts
- Health sciences, including professional programs
- Humanities
- Liberal arts/general studies
- Manufacturing, construction, repair or transportation
- Physical sciences, including mathematical sciences
- Public administration, legal, social, and protective services
- Social sciences, including history and psychology
- Undecided
- Other (Please describe) _____

6.5. Are you currently a full-time or part-time student at the institution that asked you to complete this survey?

Part-time is fewer than 12 credit hours per quarter/semester.

- Part-time
- Full-time

6.6. What is your ethnic background? Select all that apply.

- White
- Black/African American
- Hispanic
- American Indian or Alaskan native
- Asian/Pacific Islander
- Other
- Prefer not to answer

6.7. Do you live...?

- On campus
- Off campus

6.8. Do you...?

- Take classes exclusively online
- Take some classes online and some classes face-to-face
- Take classes exclusively face-to-face

6.9 Are you currently taking courses at more than one institution (either online, in-person, or a combination online and in-person)?

- No
- Yes

Thank you for responding to our questions. Click FINISH to submit your survey.