

# Students and Information Technology in Higher Education: 2009 Survey Questionnaire

**Note: The SPSS and Excel files provided include all responses for an institution. The data tables in the HTML report provided may include fewer responses due to some students not answering some questions.**

**1. How old are you?** *We may only survey students 18 years or older. Required.*  
*<Dropdown list including Under 18 and 18 through 99. Respondents under 18 must exit the survey.>* Data codes for this question are (1) under 18 (2) 18 ...to... (83) 99

**2. To enter the drawing for gift certificates, please enter your e-mail address.**

*Optional.* \_\_\_\_\_

This data is not included because it is confidential.

**3. How old is your personal desktop computer?**

- (1) Don't own a desktop computer
- (2) Less than 1 year old
- (3) 1 year old
- (4) 2 years old
- (5) 3 years old
- (6) 4 years old
- (7) More than 4 years old

**4. How old is your personal laptop computer?**

- (1) Don't own a laptop computer
- (2) Less than 1 year old
- (3) 1 year old
- (4) 2 years old
- (5) 3 years old
- (6) 4 years old
- (7) More than 4 years old

**5. Approximately how many hours each week do you spend actively doing Internet activities for school, work, or recreation?** *<Dropdown list including Less than 1, 1 to 168, in 1 hour increments.>* Data codes for this are (1) Less than 1 (2) 1 ...to... (169) 168

**6. How often do you do the following for school, work, or recreation?**

	Never (1)	Once per year (2)	Once per quarter or semester (3)	Monthly (4)	Weekly (5)	Several times per week (6)	Daily (7)
a. Instant message							
b. Text message							
c. Download web-based music or videos							
d. Use the college/university library website							
e. Spreadsheets (Excel, etc.)							

f. Presentation software (PowerPoint, etc.)							
g. Graphics software (Photoshop, Flash, etc.)							
h. Audio-creation software (Audacity, GarageBand, etc.)							
i. Video-creation software (MovieMaker, iMovie, etc.)							
j. Social networking websites (Facebook, MySpace, Bebo, LinkedIn, etc.)							
k. Online multi-user computer games ( <i>World of Warcraft, Everquest, poker, etc.</i> )							
l. Online virtual worlds (Second Life, Forterra, etc.)							
m. Podcasts							
n. Social bookmarking/tagging (del.icio.us, etc.)							
o. Voice over Internet Protocol (VoIP) from your computer (Skype, etc.)							

**7. How often do you contribute content to the following for school, work, or recreation?**

	Never (1)	Once per year (2)	Once per quarter or semester (3)	Monthly (4)	Weekly (5)	Several times per week (6)	Daily (7)
a. Wikis (Wikipedia, course wiki, etc.)							
b. Blogs							
c. Video websites (YouTube, etc.)							

**8. Which best describes your preference?**

- (1) I prefer taking courses that use *no* information technology.
- (2) I prefer taking courses that use *limited* information technology.
- (3) I prefer taking courses that use a *moderate level* of information technology.
- (4) I prefer taking courses that use information technology *extensively*.
- (5) I prefer taking courses that use information technology *exclusively*.

**9. What is your skill level for the following?**

	Not at all skilled (1)	Not very skilled (2)	Fairly skilled (3)	Very skilled (4)	Expert (5)
a. Using the college/university library website					
b. Spreadsheets (Excel, etc.)					
c. Presentation software (PowerPoint, etc.)					
d. Graphics software (Photoshop, Flash, etc.)					
e. Computer maintenance (software updates, security, etc.)					
f. Using the Internet to effectively and efficiently search for information					
g. Evaluating the reliability and credibility of online sources of information					
h. Understanding the ethical/legal issues surrounding the access to and use of digital information					

**10. Are you using the following for any of your courses this quarter/semester? Check all that you are using.** Data codes for each of these questions are (0) No (1) Yes

- a. Spreadsheets (Excel, etc.)
- b. Presentation software (PowerPoint, etc.)
- c. Graphics software (Photoshop, Flash, etc.)
- d. Audio-creation software (Audacity, GarageBand, etc.)
- e. Video-creation software (MovieMaker, iMovie, etc.)
- f. Programming languages (C++, Java, etc.)
- g. Podcasts
- h. E-portfolios
- i. Discipline-specific technologies (Mathematica, AutoCAD, STELLA, etc.)
- j. Instant messaging
- k. Social networking websites (Facebook, MySpace, Bebo, LinkedIn, etc.)
- l. Wikis
- m. Blogs
- n. Online virtual worlds (Second Life, Forterra, etc.)
- o. College/university library website
- p. Simulations or educational games

**11. How many of your instructors:**

	Almost none (1)	Some (2)	About half (3)	Most (4)	Almost all (5)	Don't know (6)
a. Use information technology (IT) effectively in courses						
b. Provide students with adequate training for the IT the instructor uses in his or her course						
c. Have adequate IT skills for carrying out course instruction						

**12. Have you ever taken a course that used a course or learning management system (a system that provides tools such as online syllabi, sample exams, and gradebook)?** Examples include WebCT, Blackboard, Desire2Learn, Sakai, or an institution-specific system). *Required.*

- (1) No. *Go to 17.*
- (2) Yes. *Go to 13.*
- (3) Don't know. *Go to 17.*

**13. How often do you use course or learning management systems?**

- (1) Never
- (2) Once a year
- (3) Once a quarter/semester
- (4) Monthly
- (5) Weekly
- (6) Several times per week
- (7) Daily

**14. Are you using a course or learning management system for any of your courses this quarter/semester?**

- (1) No
- (2) Yes

**15. What is your skill level using course or learning management systems?**

- (1) Not at all skilled
- (2) Not very skilled
- (3) Fairly skilled
- (4) Very skilled
- (5) Expert

**16. Describe your overall experience using course or learning management systems.**

- (1) Very negative
- (2) Negative

(3) Neutral  
(4) Positive

(5) Very positive

**17. What is your opinion about the following statements?**

	Strongly disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly agree (5)
a. I get more actively involved in courses that use IT.					
b. The use of IT in my courses improves my learning.					
c. IT makes doing my course activities more convenient.					
d. By the time I graduate, the IT I have used in my courses will have adequately prepared me for the workplace.					
e. My institution's IT services are always available when I need them for my coursework.					
f. I skip classes when materials from course lectures are available online.					

**18. Which of the following best describes you?**

- (1) I am skeptical of new technologies and use them only when I have to.
- (2) I am usually one of the last people I know to use new technologies.
- (3) I usually use new technologies when most people I know do.
- (4) I like new technologies and use them before most people I know.
- (5) I love new technologies and am among the first to experiment with and use them.

**19. I like to learn through:**

	No (1)	Yes (2)	Don't know (3)
a. Text-based conversations over e-mail, IM, and text messaging			
b. Programs I can control, such as video games, simulations, etc.			
c. Contributing to websites, blogs, wikis, etc.			
d. Running Internet searches			
e. Creating or listening to podcasts or webcasts			

**20. How should your institution first notify you of a campus emergency?**

- (1) E-mail
- (2) Text message
- (3) Instant message
- (4) Facebook
- (5) MySpace
- (6) Other social network site (e.g. Bebo, LinkedIn, etc.)
- (7) Public-address systems (sirens, loudspeakers, intercoms, etc.)
- (8) The institution's general information website
- (9) A special emergency website for the institution
- (10) Voice telephone call
- (11) Other

**21. Do you own a handheld device that is capable of accessing the Internet (whether or not**

**you use that capability)? Examples include iPhone, Treo, BlackBerry, other Internet-capable cell phone, iPod touch, PDA, Pocket PC, etc. Required.**

- (1) No, and I don't plan to purchase one in the next 12 months. *Go to 29.*
- (2) No, but I plan to purchase one in the next 12 months. *Go to 29.*
- (3) Yes. *Go to 22.*
- (4) Don't know. *Go to 29.*

**Note: Only respondents who own a handheld device capable of accessing the Internet were asked question #22 below [these are respondents who answered (3) to question #21].**

**22. How often do you use the Internet from your handheld device? Required.**

- (1) Never (do not use the Internet capability). *Go to 29.*
- (2) Once a year. *Go to 24.*
- (3) Once a quarter/semester. *Go to 24.*
- (4) Monthly. *Go to 24.*
- (5) Weekly. *Go to 23.*
- (6) Several times per week. *Go to 23.*
- (7) Daily. *Go to 23.*

**Note: Only respondents who own a handheld device capable of accessing the Internet AND use it to access the Internet weekly or more often were asked question #23 [these are respondents who answered (3) to question #21 and answered (5), (6) or (7) to question #22].**

**23. Approximately how much time each week do you use the Internet from your handheld device?** <Dropdown menu of Less than 15 minutes, 15 minutes, 30 minutes, 45 minutes, 1 hour, 2 hours, up to 100 hours, plus More than 100 hours (in one-hour increments).>

Data codes for this question are (1) Less than 15 minutes (2) 15 minutes, (3) 30 minutes, (4) 45 minutes, (5) 1 hour, (6) 2 hours...to... (105) More than 100 hours

**Note: Only respondents who own a handheld device capable of accessing the Internet AND use it to access the Internet at least once a year were asked questions #24 through #28 [these are respondents who answered (3) to question #21 and answered (2), (3), (4), (5), (6) or (7) to question #22].**

**24. Which of these Internet activities do you do from your handheld device? Check all that apply.** Data codes for each of these questions are (0) No (1) Yes

- a. Instant message
- b. E-mail
- c. Report what you're doing on Twitter
- d. Use social networking websites (Facebook, MySpace, Bebo, etc.)
- e. Check information (news, weather, sports, specific facts, etc.)
- f. Read or contribute to blogs
- g. Use maps (e.g., find places, get directions or plan routes)
- h. Conduct personal business (banking, shopping, etc.)
- i. Use Internet photo sites
- j. Watch mobile TV
- k. Download/stream music
- l. Download or watch videos online
- m. Download or play games online

**25. In the next three years, I expect my use of the Internet from a handheld device will:**

- (1) Greatly decrease

- (2) Decrease
- (3) Stay the same
- (4) Increase
- (5) Greatly increase

**26. Do you use the Internet from your handheld device even when a networked computer (laptop or desktop) is easily available?**

- (1) Never
- (2) Very seldom
- (3) Seldom
- (4) Neither seldom or often
- (5) Often
- (6) Very often

**27. Which of your institution's IT services would you be most likely to use if they were available on your handheld Internet device?** *Check up to 3.* Data codes for each of these questions are (0) No (1) Yes

- a. Student administrative services (official grades, registration, etc.)
- b. Library services
- c. Course or learning management system (Blackboard, WebCT, Desire2Learn, Sakai, an institution-specific system, etc.)
- d. E-mail system
- e. Campus information (news, events, map, directory, bus routes, handbook, etc.)
- f. Payment for things on campus (e.g., vending machines, food services)
- g. Download/stream course lectures (podcasts)
- h. Use as clickers for course polling and quizzing

**28. How many times this year have you contacted the campus IT organization for technical support related to your handheld Internet device?** *<Dropdown menu of Never, 1 time to 40 times, More than 40 times.>* Data codes for this question are (1) Never (2) 1 time..to.. (42) More than 40 times

**Note: All respondents were asked the remaining questions in the survey.**

**29. What keeps you from using the Internet, or using it more often, from a handheld device?**

*Check up to 3.* Data codes for each of these questions are (0) No (1) Yes

- a. Plenty of other ways to access the Internet
- b. No compelling reason to access the Internet
- c. Cost of the handheld device
- d. Cost of the data service
- e. Device usability issues (small screen, keyboard, etc.)
- f. Inadequate battery life
- g. Limited access to the network (e.g., hot spots, wireless carrier coverage)
- h. Network connection too slow
- i. Lack of applications that are useful to me
- j. Cost of applications that are useful to me
- k. Concern about the security/privacy problems of mobile technology
- l. Concern about the potential health problems of mobile technology
- m. Other

**30. What is your opinion about the following statements?**

	Strongly disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly agree (5)	Don't know (6)
a. While I'm in class, I regularly use my cell phone or handheld Internet device for course activities (texting, Internet access, etc.).						
b. While I'm in class, I regularly use my cell phone or handheld Internet device for non-course activities (texting, Internet access, playing games, etc.).						
c. Instructors should have the authority to forbid the use of cell phones and handheld Internet devices during class time.						
d. In the next three years, I expect to do many things on a cell phone or handheld Internet device that I currently do on a laptop or desktop computer.						

**31. What is your gender?**

- (1) Male
- (2) Female

**32. What is your cumulative grade point average (GPA)?**

- (1) A
- (2) A-
- (3) B+
- (4) B
- (5) B-
- (6) C+
- (7) C
- (8) C- or lower
- (9) Don't know

**33. What is your class standing?**

- (1) Senior or final year
- (2) Freshman or first year
- (3) Community college student (ECAR added this code for students from community colleges)
- (4) Other

**34. Are you currently a full-time or part-time student? Part-time is fewer than 12 credit hours per quarter/semester.**

- (1) Full-time
- (2) Part-time

**35. Do you reside on campus or off campus?**

- (1) On campus
- (2) Off campus

**36. What are you majoring in? Check all that apply.**

Data codes for each of these questions are (0) No (1) Yes

- a. Social sciences
- b. Humanities
- c. Fine arts
- d. Life/biological sciences, including agriculture and health sciences
- e. Physical sciences, including math
- f. Education, including physical education
- g. Engineering
- h. Business

- i. Other
- j. Undecided

**37. Which institution are you attending? Required. <Dropdown list of institutions.>**

*Before proceeding, please confirm that the name of your institution is correct in the answer box above.*

Each institutions receives data from only its own respondents.

- 1 Arizona State University
- 2 Auburn University
- 4 Baylor University
- 5 Boise State University
- 6 Brandeis University
- 7 Brazosport College
- 8 Bridgewater State College
- 9 Brown University
- 10 Bucknell University
- 11 Bucks County Community College
- 12 Butler University
- 13 California Lutheran University
- 14 California State University, East Bay
- 15 California State University, Fullerton
- 16 California State University, Los Angeles
- 17 California State University, Sacramento
- 18 Case Western Reserve University
- 19 Catawba College
- 21 Central Connecticut State University
- 22 Central Michigan University
- 24 Chandler Gilbert Community College
- 27 Clemson University
- 29 College of Saint Benedict/Saint John's University
- 30 Colorado College
- 32 Coppin State University
- 33 Dartmouth College
- 34 Drexel University
- 35 Dublin Institute of Technology
- 36 Eastern Michigan University
- 37 Embry-Riddle Aeronautical - Prescott Campus
- 38 Embry-Riddle Aeronautical University
- 39 Embry-Riddle Aeronautical University - Worldwide
- 40 Emory University
- 41 Estrella Mountain Community College
- 42 Florida Keys Community College
- 43 Franklin W. Olin College of Engineering
- 45 Furman University
- 46 Georgia Southern University
- 47 Georgia State University
- 48 Gettysburg College



- 49 Glendale Community College
- 50 Grand Rapids Community College
- 51 Hamilton College
- 53 Indiana State University
- 54 Indiana University
- 55 Indiana University-Purdue University Indianapolis
- 57 The Johns Hopkins University
- 58 Johnson County Community College
- 59 Keene State College
- 60 Louisiana State University
- 61 Macalester College
- 62 McGill University
- 63 Mesa Community College
- 64 Miami Dade College
- 65 Miami University
- 66 Michigan State University
- 67 Middle Tennessee State University
- 68 Missouri University of Science and Technology
- 69 Monmouth College
- 70 Monmouth University
- 71 Montana State University
- 72 New Jersey Institute of Technology
- 74 North Greenville University
- 76 Northwestern University
- 77 Oakland University
- 81 Pepperdine University
- 83 Purdue University
- 86 Saint Mary's University of Minnesota
- 88 Seminole Community College
- 89 Seton Hall University
- 91 Skidmore College
- 92 South Dakota State University
- 93 South Mountain Community College
- 94 Stevens Institute of Technology
- 96 SUNY College at Oswego
- 97 Towson University
- 98 Tulane University
- 99 Universidad de Deusto
- 100 University at Albany, SUNY
- 101 University College Dublin
- 106 University of Delaware
- 107 University of Indianapolis
- 109 University of La Verne
- 110 University of Maryland
- 111 University of Maryland, Baltimore County
- 112 University of Massachusetts Boston
- 114 The University of Memphis

- 115 University of Michigan-Ann Arbor
- 116 University of Missouri-Columbia
- 117 University of Nevada, Las Vegas
- 118 University of New Hampshire
- 119 University of New Mexico
- 120 University of North Carolina at Pembroke
- 122 University of Oregon
- 123 University of Rhode Island
- 124 University of Richmond
- 125 University of San Diego
- 126 The University of South Dakota
- 127 University of St. Thomas
- 129 University of Washington
- 130 University of West Georgia
- 132 University of Wisconsin-Eau Claire
- 133 University of Wisconsin-Green Bay
- 134 University of Wisconsin-LaCrosse
- 135 University of Wisconsin-Madison
- 136 University of Wisconsin-Milwaukee
- 137 University of Wisconsin-Oshkosh
- 138 University of Wisconsin-Parkside
- 139 University of Wisconsin-Platteville
- 140 University of Wisconsin-River Falls
- 141 University of Wisconsin-Stevens Point
- 142 University of Wisconsin-Superior
- 143 University of Wisconsin-Whitewater
- 145 Virginia Tech
- 146 Wayne State University
- 147 Weber State University
- 148 Western Carolina University
- 149 William Paterson University of New Jersey

**38. Is there anything you would like to tell us about your experience with IT in or out of courses?**

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This data is not included because it contains confidential information.

Thank you! You have reached the end of the survey. Visit the [ECAR website](#) to see our research and learn more about the EDUCAUSE Center for Applied Research. If you have any questions or concerns, please e-mail [ecar@educause.edu](mailto:ecar@educause.edu).

**Just one more step!**

**Click "Finish" to submit your survey.**

Once you click "Finish," you will see confirmation that your survey has been submitted.

**— END SURVEY —**

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