



helping instructors teach with technology

UNIVERSITY OF MINNESOTA

digital media
center

STUDENT EVALUATION OF INSTRUCTIONAL TECHNOLOGIES

A. Access and Computer Facilities:

1. **Q01** What is your primary (or most commonly used) location when accessing course material that uses computer technology (e.g. CD-ROM, Course Web site)? (Mark only one)
 01 U of M computer labs
 02 Residence hall labs
 03 U of M library
 04 Home
 05 Work
 06 Residence hall room
 07 U of M kiosk
 08 U of M classroom
 09 Other _____
 99 **Missing**

2. **Q02** What type of Internet connection is used at your primary (or most commonly used) location? (Mark only one)
 1 High speed Ethernet connection (common in U of M offices, computer labs, kiosks and residence halls)
 2 Dial-up modem connection
 3 DSL connection
 4 Cable modem connection
 5 Wireless network connection
 6 WebTV
 7 Other _____
 8 I don't know
 9 **Missing**

3. **Q03** How often do you access online course material? (Mark only one)
 1 Daily
 2 Weekly
 3 Monthly
 4 Once during the term
 5 Never
 9 **Missing**

4. **Q04** Which is your preferred method to access digital course materials (e.g., CD ROMs, information on the web, databases)? (Mark only one)
 1 Desktop computer
 2 Laptop computer
 3 Palm Pilot or other personal digital assistant
 4 Computer lab
 5 Kiosk
 9 **Missing**

5. On average, approximately how long do you have to wait to use computers in U of M computer labs? (Mark only one for each column)

Q05A

At the beginning of the semester:

- 1 ___ 0 minutes
 2 ___ 1- 5 minutes
 3 ___ 6-20 minute
 4 ___ 21 minutes or more
 5 ___ I used the Lab
 ___ Reservation System to
 find open lab space or
 reserve a computer, so
 do not have to wait
 6 ___ I never use U of M
 computer labs
 9 ___ Missing

Q05B

In the middle of the semester:

- 1 ___ 0 minutes
 2 ___ 1- 5 minutes
 3 ___ 6-20 minute
 4 ___ 21 minutes or more
 5 ___ I used the Lab
 ___ Reservation System to
 find open lab space or
 reserve a computer, so
 do not have to wait
 6 ___ I never use U of M
 computer labs
 9 ___ Missing

Q05C

At the end of the semester:

- 1 ___ 0 minutes
 2 ___ 1- 5 minutes
 3 ___ 6-20 minute
 4 ___ 21 minutes or more
 5 ___ I used the Lab
 ___ Reservation System to
 find open lab space or
 reserve a computer, so
 do not have to wait
 6 ___ I never use U of M
 computer labs
 9 ___ Missing

6. Please rate your agreement with the following statements about U of M computer labs and services: (4 point scale: 4 = strongly agree, 3 = agree, 2 = disagree, 1 = strongly disagree, 9 = Missing) (Mark one rating for each)

Q06A Computers are generally in good working condition

Q06B Hardware (e.g. scanner, slide scanner, CD burner) is up-to-date

Q06C Noise level does not distract me

Q06D Lighting is good in the lab

Q06E Temperature is comfortable

Q06F Chairs are comfortable

Q06G Tables are comfortable

Q06H Presentation technology (projection systems, screens, room lighting) is adequate

Q06I Printing services are convenient

Q06J Instructions about printing costs are clearly visible

Q06K Staff is helpful

7. Please rate your agreement with the following statements about handheld computing devices (e.g., Palm Pilots or other personal digital assistants) (4 point scale: 4 = strongly agree, 3 = agree, 2 = disagree, 1 = strongly disagree, 9 = Missing) (Mark one rating for each)

Q07A I have considered purchasing a handheld computing device

Q07B I would be more likely to carry a handheld computing device on campus than a laptop computer

8. Thinking about how you would like your technology fees to be spent, please rate the importance of each of the following items: (4 point scale: 4 = very important, 3 = important, 2 = unimportant, 1 = very unimportant, 9 = Missing) (Mark one rating for each)

Q08A Improve equipment in computer facilities (e.g., computers, slide scanners, projection systems)

Q08B Upgrade software in the computer facilities

Q08C Create additional computer facilities

Q08D Provide technical training for students

Q08E Improve classrooms (e.g., better chairs, tables, etc)

Q08F Upgrade technology infrastructure of classrooms (e.g., wireless network access, overhead projection)

Q08G Provide technical support (e.g., assistance using software, troubleshooting hardware or software problems) for students

Q08H Improve course technology (e.g., course web site, use of WebCT, email ListServes, etc.)

Q08I Install more kiosks throughout campus

Q08J Other _____

B. Attitudes Towards Instructional Technology

9. Please rate each of the following statements (4 point scale: 4 = strongly agree, 3 = agree, 2 = disagree, 1 = strongly disagree, 9 = Missing) (Mark one rating for each)
- Q09A Most of the new instructional technologies available to me in classes were easy to learn
 - Q09B I have been able to integrate instructional technologies into my studying and learning habits
 - Q09C Faculty cannot expect us to learn all these new instructional technologies unless they give us much more formal in-class instruction time
 - Q09D Instructional technologies helped me have more contact with my instructor
 - Q09E Instructional technologies helped me ask for clarification when information did not make sense to me
 - Q09F Access to instructional technologies has made me more aware of how professionals in my major create and share information
 - Q09G I will have a better portfolio to show future employers as a result of using instructional technologies
 - Q09H The software that I used to complete assignments will be useful in my future career
 - Q09I Instructional technologies made it easier to work with other students
 - Q09J Instructional technologies helped me produce one or more versions of an assignment before producing the final product
 - Q09K Access to instructional technologies helped me complete assignments on time
 - Q09L Access to instructional technologies has made it easier to apply new ideas to real-life experiences
 - Q09M Because of the use of instructional technologies, I felt the faculty demanded higher quality work
 - Q09N Having access to multiple instructional technologies made me feel like I had control over my learning experience
 - Q09O Access to instructional technologies helped me be more efficient with my study time
 - Q09P Having access to instructional technologies has allowed me to learn new ways of finding information
 - Q09Q Online access to library resources and services has helped me succeed in my coursework
 - Q09R Online library resources have improved my research skills
 - Q09S Online library resources have made it more convenient to do research
 - Q09T I prepared better quality assignments as a result of using online library resources
 - Q09U The advantages gained by using instructional technologies outweigh the disadvantages (such as time needed to learn to use them)
10. How useful have each of the following technologies been to you in your course work? (4 point scale: 4 = very useful, 3 = useful, 2 = a little useful, 1 = not at all useful, 9 = Missing) (Mark one rating for each)
- Q10A WebCT course website
 - Q10B CD-ROM
 - Q10C In-class access to the Internet
 - Q10D Electronic mailing list (ListServ)
 - Q10E Non-WebCT course website
 - Q10F Computer-delivered video (streaming video, QuickTime movies, etc)
11. To what degree has each of the following factors impeded your use of digital technology in your courses? (4 point scale: 4 = very large, 3 = large, 2 = small, 1 = very small, 9 = Missing) (Mark one rating for each)
- Q11A Problems with computers in computing facilities
 - Q11B Problems with the computer at the primary location I access digital course materials
 - Q11C Network/Internet problems at the primary location I access digital course materials
 - Q11D Limited access to technology-enhanced classrooms
 - Q11E Cost of equipment and software needed to use digital course materials
 - Q11F Amount of time needed to use digital technologies
 - Q11G Software needed for coursework is unavailable in computing facilities
 - Q11H Instructors do not use digital technologies
 - Q11I Amount of time needed to learn digital technologies
 - Q11J Lack of technical support I need (e.g., assistance using software, troubleshooting hardware or software problems)
 - Q11K Other: _____

12. Please rate your level of comfort in each area: (4 point scale: 4 = very comfortable, 3 = comfortable, 2 = uncomfortable, 1 = very uncomfortable; plus an additional entry (8) for “never used”, 9 = Missing) (Mark one rating for each)

Q12A Searching for information with University of Minnesota online library resources

Q12B Searching for information using Internet search engines

Q12C Using electronic mail

Q12D Using ListSers

Q12E Using web-based threaded discussion tools

Q12F Using instant messaging tools

Q12G Using chat tools

Q12H Taking quizzes online

Q12I Using desktop publishing programs

Q12J Using presentation programs such as PowerPoint or Persuasion

Q12K Searching for information with CD-ROM's

Q12L Using word processors

Q12M Using software to collect and analyze information

Q12N Creating charts from data to interpret and communicate findings

Q12O Modifying images with graphics programs

13. Approximately how many courses (including your current courses) have you taken that are delivered in the following modes? (4 point scale with frequency ranges: 4 = more than 10, 3 = 6-10, 2 = 1-5, 1 = 0, 9 = Missing) (Mark one rating for each)

Q13A Total online course (no face-to-face interaction)

Q13B Decreased face-to-face and increased online interaction

Q13C Face-to-face interaction supplemented but not decreased by online interaction

14. Approximately how many courses have you taken in which the following instructional technologies were used (including your current courses)? (4 point scale with frequency ranges: 4 = more than 10, 3 = 6-10, 2 = 1-5, 1 = 0, 9 = Missing) (Mark one rating for each)

Q14A WebCT course website

Q14B CD-ROM

Q14C VCR/TV

Q14D Slide projector

Q14E Adobe Acrobat files

Q14F Files to download (e.g., images, data files, documents)

Q14G In-class electronic presentations (PowerPoint)

Q14H In-class access to the Internet

Q14I Electronic mailing list (ListServ)

Q14J Non-WebCT course website

Q14K Computer-delivered video (streaming video, QuickTime movies, etc)

A14L Other_____

15. In general, how often were these instructional technologies used by faculty in courses you have taken (including your current courses)? (4 point scale with frequency ranges: 4 = frequently, 3 = occasionally, 2 = seldom, 1 = never, 9 = Missing) (Mark one rating for each)

Q15A WebCT course website

Q15B CD-ROM

Q15C VCR/TV

Q15D Slide projector

Q15E Adobe Acrobat files

Q15F In-class electronic presentations (PowerPoint)

Q15G In-class access to the Internet

Q15H Electronic mailing list (ListServ)

Q15I Non-WebCT course website

Q15J Computer-delivered video (streaming video, QuickTime movies, etc.)

Q15K Other: _____

Open-Ended Question

16. Q16 What advice would you give to a student using web-enhanced courses for the first time? (Open-ended question)

Demographic Variables

Coding to be determined by field names and values in U of M databases.

©2003 by the Regents of the University of Minnesota. All rights reserved. The University of Minnesota is an equal opportunity educator and employer. Printed on paper containing at least 10% post-consumer waste. Produced by the Digital Media Center (DMC), Office of Information Technology. This publication/material can be made available in alternative formats for people with disabilities. Contact the DMC Communications/Marketing Coordinator at (612) 625-5055 or dmc@umn.edu.