

Faculty Questionnaire on the Use of Information Technology in Teaching

The **Office of Information Technology (OIT)** has developed this questionnaire to assess faculty use, satisfaction and needs in instructional technology. Faculty views are essential in any consideration of priorities, directions and resources regarding information technology. The results will be used by the campus and OIT to make recommendations on instructional technology policy and services.

- **Total responses:** 297 (133 mail, 164 web).
- **Sample:** 787 UCSB faculty (7 were emeriti, 33 were on leave, 160 had an invalid e-mail address).
- **Total response rate (excluding emeriti and sabbaticals): 40%.**
 - **Mail response rate:** 18%
 - **Web response rate (excluding invalid):** 28%

Please circle the best single answer (Note: by “electronic tools”, we mean such things as email, PowerPoint, course web sites, assignments that involve web resources – any aspect of your course that involves information technology.)

1. **To what extent do you now use any kind of electronic tools when teaching a course over an entire quarter (either in class or outside of class, required by you or just recommended)?**
52.2% Almost always 18.2% Usually 18.5% Sometimes 9.8% Almost never

No answer: 1.3%

2. **If you use electronic tools, how important are they in helping your students to learn the course content?**
35.0% Extremely important 36.4% Moderately important 15.2% Minimally important 4.0% Not important at all 5.4% Doesn't apply

No answer: 4.0%

3. **When planning a course, do you consider using electronic tools to help your students achieve the course's educational goals?**
44.1% Almost always 25.9% Usually 15.8% Sometimes 12.1% Almost never

No answer: 2.0%

4. **In what pedagogical situations are you most likely to use IT tools? (e.g. large lecture classes using PowerPoint, small seminars using email, a class of 50 where students do collaborative projects, etc.)**
[Open Ended]

5. **Do you think that if the University were to commit more resources to supporting information technology for teaching, it could substantially improve the effectiveness or the efficiency of your teaching?**
34.0% Definitely yes 29.0% Probably yes 18.5% Uncertain 13.1% Probably not 4.0% Definitely not

No answer: 1.3%

6. **In your opinion, UCSB's current commitment of resources for information technology in support of instruction is: (choose one)**
20.2% far too little 37.4% somewhat too little 27.3% about right 3.0% somewhat too much 2.4% far too much

No answer: 9.8%

7. **We greatly appreciate any comments or suggestions about the University's commitment to supporting information technology for teaching:**
[Open Ended]

The following refer to electronic tools that some faculty use to support **Communication** with (and between) students. Please indicate for each tool whether or not you use it (to any extent), whether it's working effectively, whether you plan to use it in the future, whether more UCSB resources should be directed toward supporting it, and whether you know whom to contact about it.

	<i>I currently use</i>	<i>Is it working effectively?</i>	<i>I plan or expect to use it in the next two years.</i>	<i>I would like more UCSB resources directed into this area.</i>	<i>I know what UCSB unit(s) to contact for more info.</i>
Email	C1a 96.3% YES 1.0% NO No answer: 2.7%	C1b 76.1% YES 17.2% Somewhat 1.7% NO No answer: 5.1%	C1c 85.2% YES 1.0% NO No answer: 13.8%	C1d 24.6% YES 38.4% Not sure 25.6% NO No answer: 11.4%	C1e 56.6% YES 29.0% NO No answer: 14.5%
Threaded discussion groups	C2a 8.4% YES 85.2% NO No answer: 6.4%	C2b 4.4% YES 6.1% Somewhat 15.5% NO No answer: 74.1%	C2c 14.5% YES 42.1% NO No answer: 43.4%	C2d 9.8% YES 31.6% Not sure 16.5% NO No answer: 42.1%	C2e 19.2% YES 38.0% NO No answer: 42.8%
Chat	C3a 4.4% YES 88.9% NO No answer: 6.7%	C3b 2.4% YES 3.7% Somewhat 19.5% NO No answer: 74.4%	C3c 8.8% YES 48.8% NO No answer: 42.4%	C3d 5.1% YES 23.9% Not sure 25.6% NO No answer: 45.5%	C3e 11.8% YES 42.8% NO No answer: 45.5%
Electronic Whiteboard	C4a 4.0% YES 89.2% NO No answer: 6.7%	C4b 4.4% YES 3.4% Somewhat 14.5% NO No answer: 77.8%	C4c 13.1% YES 38.4% NO No answer: 48.5%	C4d 10.4% YES 27.3% Not sure 14.8% NO No answer: 47.5%	C4e 10.4% YES 42.4% NO No answer: 47.1%
Tools to support collaborative writing/research	C5a 24.9% YES 67.7% NO No answer: 7.4%	C5b 13.5% YES 13.8% Somewhat 8.8% NO No answer: 64.0%	C5c 32.7% YES 25.9% NO No answer: 41.4%	C5d 20.5% YES 26.6% Not sure 10.4% NO No answer: 42.4%	C5e 20.2% YES 36.7% NO No answer: 43.1%

File exchange	C6a 47.1% YES 42.8% NO No answer: 10.1%	C6b 29.3% YES 12.5% Somewhat 9.4% NO No answer: 48.8%	C6c 45.5% YES 16.8% NO No answer: 37.7%	C6d 19.2% YES 27.3% Not sure 15.2% NO No answer: 38.4%	C6e 27.6% YES 31.6% NO No answer: 40.7%
Other communication tool: _____	C7a 8.4% YES 13.5% NO No answer: 78.1%	C7b 5.1% YES 2.0% Somewhat 3.0% NO No answer: 89.9%	C7c 9.1% YES 2.4% NO No answer: 88.6%	C7d 5.4% YES 3.4% Not sure 3.0% NO No answer: 88.2%	C7e 6.7% YES 6.1% NO No answer: 87.2%

The following refers to **Delivery of Course Content**, aspects of teaching that can be supported with electronic tools:

	<i>I currently use.</i>	<i>Is it working effectively?</i>	<i>I plan or expect to use it in the next two years.</i>	<i>I would like more UCSB resources directed into this area.</i>	<i>I know what UCSB unit(s) to contact for more info.</i>
Syllabus on the Web (calendar, outline, assignments, office hours, course policies)	D1a 64.6% YES 31.1% NO No answer: 4.0%	D1b 50.8% YES 11.8% Somewhat 4.0% NO No answer: 33.3%	D1c 72.7% YES 5.1% NO No answer: 22.2%	D1d 30.0% YES 30.0% Not sure 17.2% NO No data: 22.9%	D1e 45.5% YES 27.6% NO No answer: 26.9%
Online lecture notes	D2a 33.3% YES 61.6% NO No answer: 5.1%	D2b 24.9% YES 9.8% Somewhat 9.4% NO No answer: 55.9%	D2c 43.4% YES 25.3% NO No answer: 31.3%	D2d 22.6% YES 22.2% Not sure 19.9% NO No answer: 35.4%	D2e 28.3% YES 32.3% NO No answer: 39.4%
Online Tutorials	D3a 14.5% YES 77.4% NO No answer: 8.1%	D3b 8.4% YES 5.7% Somewhat 12.5% NO No answer: 73.4%	D3c 24.2% YES 34.3% NO No answer: 41.4%	D3d 17.2% YES 23.2% Not sure 16.2% NO No answer: 43.4%	D3e 16.5% YES 37.0% NO No answer: 46.5%
Online Readings	D4a 38.0% YES 54.9% NO No answer: 7.1%	D4b 23.2% YES 14.1% Somewhat 8.8% NO No answer: 53.9%	D4c 45.5% YES 20.9% NO No answer: 33.7%	D4d 22.6% YES 28.3% Not sure 13.1% NO No answer: 36.0%	D4e 27.3% YES 34.0% NO No answer: 38.7%
Online Lab assignments or analytic tools	D5a 24.6% YES 65.3% NO No answer: 10.1%	D5b 15.5% YES 7.4% Somewhat 9.8% NO No answer: 67.3%	D5c 30.0% YES 29.6% NO No answer: 40.4%	D5d 17.8% YES 23.6% Not sure 13.5% NO No answer: 45.1%	D5e 20.9% YES 34.0% NO No answer: 45.1%

Links to online resources	D6a 64.0% YES 29.6% NO No answer: 6.4%	D6b 43.8% YES 14.5% Somewhat 5.1% NO No answer: 36.7%	D6c 57.6% YES 10.8% NO No answer: 31.6%	D6d 25.9% YES 25.6% Not sure 17.2% NO No answer: 31.3%	D6e 34.7% YES 28.6% NO No answer: 36.7%
Online Quizzes or quiz results	D7a 12.1% YES 80.1% NO No answer: 7.7%	D7b 8.4% YES 5.4% Somewhat 15.2% NO No answer: 71.0%	D7c 22.2% YES 36.7% NO No answer: 41.4%	D7d 16.5% YES 20.9% Not sure 18.5% NO No answer: 44.1%	D7e 16.2% YES 38.0% NO No answer: 45.8%

Delivery of Course Content (Continued)

	<i>I currently use</i>	<i>Is it working effectively</i>	<i>plan or expect to use it in the next two years</i>	<i>I would like more UCSB resources directed into this area.</i>	<i>I know what UCSB unit(s) to contact for more info.</i>
Online Surveys	D8a 9.1% YES 80.5% NO No answer: 10.4%	D8b 5.4% YES 4.0% Somewhat 15.5% NO No answer: 75.1%	D8c 16.2% YES 40.7% NO No answer: 43.1%	D8d 13.1% YES 20.5% Not sure 18.2% NO No answer: 48.1%	D8e 15.2% YES 36.7% NO No answer: 48.1%
Rich Media:					
Lecture audio / video	D9a 43.4% YES 49.5% NO No answer: 7.1%	D9b 23.9% YES 17.5% Somewhat 8.4% NO No answer: 50.2%	D9c 44.4% YES 22.9% NO No answer: 32.7%	D9d 32.3% YES 23.6% Not sure 10.4% NO No answer: 33.7%	D9e 37.4% YES 25.6% NO No answer: 37.0%
Online Powerpoint presentations	D10a 27.6% YES 64.3% NO No answer: 8.1%	D10b 19.9% YES 8.4% Somewhat 9.4% NO No answer: 62.3%	D10c 42.4% YES 19.5% NO No answer: 38.0%	D10d 30.0% YES 15.5% Not sure 14.5% NO No answer: 40.1%	D10e 25.3% YES 31.3% NO No answer: 43.4%
Simulations / interactive models	D11a 16.8% YES 72.1% NO No answer: 11.1%	D11b 10.1% YES 7.7% Somewhat 12.8% NO No answer: 69.4%	D11c 30.3% YES 26.9% NO No answer: 42.8%	D11d 21.2% YES 23.2% Not sure 10.8% NO No answer: 44.8%	D11e 18.2% YES 35.4% NO No answer: 46.5%
D13o Other tools for presenting course content: _____	D13a 6.4% YES 14.5% NO No answer: 79.1%	D13b 3.0% YES 2.0% Somewhat 2.7% NO No answer: 92.3%	D13c 6.7% YES 4.0% NO No answer: 89.2%	D13d 4.7% YES 2.7% Not sure 3.4% NO No answer: 89.2%	D13e 5.4% YES 5.4% NO No answer: 89.2%

The following refer to electronic tools that assist with **course management**:

	I currently use.	Is it working effectively?	I plan or expect to use it in the future.	I would like more UCSB resources directed into this area.	I know what UCSB unit(s) to contact for more info.
Management of Assignments	M1a 21.5% YES 64.6% NO No answer: 13.8%	M1b 14.1% YES 7.7% Somewhat 7.4% NO No answer: 70.7%	M1c 27.9% YES 29.0% NO No answer: 43.1%	M1d 15.2% YES 19.2% Not sure 18.2% NO No answer: 47.5%	M1e 15.8% YES 35.0% NO No answer: 49.2%
Grade book and grade submission	M2a 21.5% YES 67.0% NO No answer: 11.4%	M2b 13.5% YES 8.1% Somewhat 12.5% NO No answer: 66.0%	M2c 29.6% YES 27.6% NO No answer: 42.8%	M2d 18.9% YES 21.5% Not sure 14.8% NO No answer: 44.8%	M2e 14.8% YES 38.0% NO No answer: 47.1%
Measures of student participation	M3a 5.1% YES 80.8% NO No answer: 14.1%	M3b 3.4% YES 3.0% Somewhat 13.5% NO No answer: 80.1%	M3c 14.8% YES 36.7% NO No answer: 48.5%	M3d 13.5% YES 19.5% Not sure 13.8% NO No answer: 53.2%	M3e 10.8% YES 35.4% NO No answer: 53.9%
Measures of effective instruction	M4a 5.4% YES 78.1% NO No answer: 16.5%	M4b 3.7% YES 2.7% Somewhat 12.5% NO No answer: 81.1%	M4c 14.5% YES 35.0% NO No answer: 50.5%	M4d 12.1% YES 19.2% Not sure 14.1% NO No answer: 54.5%	M4e 11.8% YES 34.3% NO No answer: 53.9%
M5o Other course management tool: _____	M5a 1.7% YES 17.5% NO No answer: 80.8%	M5b 0.3% YES 0.7% Somewhat 1.7% NO No answer: 97.3%	M5c 2.7% YES 3.0% NO No answer: 94.3%	M5d 2.0% YES 1.7% Not sure 2.4% NO No answer: 93.9%	M5e 1.3% YES 4.7% NO No answer: 93.9%

8. If you use electronic tools for course content development, what limitations have you encountered, if any? (check all that apply)

- 74.4% My own time
- 23.9% The technology itself
- 18.2% Lack of available tools
- 14.8% Lack of maturity of the available tools
- 27.3% Unclear pedagogical impact of available tools
- 6.7% Inadequate student access to online resources
- 34.3% Lack of Support (please respond to 8a)
- 2.7% Other limitations (specify): _____
- 4.0% None of the above

8a. If you have checked "Lack of Support" above: were you most affected in terms of (Check all that apply):

- 14.1% Hardware
- 16.2% Software
- 8.4% Design services
- 21.5% Technical support services
- 22.6% Services to "do it for me"
- 3.7% Other (Specify) _____

9. What is your PREFERRED method of learning more about instructional technology? (Check only one):

- | | | | |
|-------|--|------|--|
| 37.7% | Getting one-on-one technical assistance | 3.4% | Reading a vendor-supplied manual |
| 12.5% | Asking a colleague or friend | 2.0% | Reading a commercially-published guidebook |
| 6.1% | Attending a workshop in my department or school | 1.7% | Calling a Help Desk/Other telephone support |
| 1.3% | Attending a workshop outside my department or school | 1.7% | Reading an electronic newsletter or listserv |
| 10.1% | Using a computer-based or Web-based tutorial | 2.4% | Other (please specify): _____ |
| | | | _____ |
- No data: 21.2%

10 What is your PREFERRED method of learning about the availability of campus wide resources (Check only one)

- 56.2% Email message
 - 14.5% Flyer
 - 9.1% In-person announcements to my department or school
 - 4.7% Announcements in departmental or UCSB publications
 - 3.0% Other (please specify): _____
- No data: 12.5%

11. What is your Department:

	Frequency	Percent
3 anthro	11	3.7
4 art studio	3	1.0
7 black studies	1	.3
8 bren school-environ sci	8	2.7
11 chemical eng	1	.3
12 chemistry	13	4.4
13 chicano studies	1	.3
14 classics	3	1.0
18 communication	4	1.3
19 computer science	11	3.7
20 dance division-dramatic art	1	.3
23 dramatic art and dance	2	.7
24 east asian languages and culture	4	1.3
25 ecology-evolution and marine biology	1	.3
26 econ	10	3.4
27 education	13	4.4
28 eemb	9	3.0
29 electrical and computer eng	11	3.7
30 english	7	2.4
33 film studies	2	.7
34 french and italian	4	1.3
35 geography	10	3.4
36 geological sciences	10	3.4
37 german slavic and semitic studies	3	1.0
41 history	17	5.7
42 history of art and architecture	6	2.0
47 law and society	4	1.3
48 linguistics	6	2.0
50 materials	1	.3
51 math	14	4.7
52 MCD biology neuroscience research institute	1	.3
53 MCDB	4	1.3
54 mechanical eng	10	3.4
55 military science	3	1.0
57 molecular cellular and develop biology	3	1.0
58 music	4	1.3
64 philosophy	2	.7
65 physics	10	3.4
66 political science	7	2.4
67 psychology	10	3.4
68 religious studies	4	1.3
69 sociology	9	3.0
70 spanish and portuguese	3	1.0
71 speech and hearing sciences	3	1.0
72 statistics and applied probability	5	1.7
76 womens studies	1	.3
77 writing program	1	.3
99999999 no data	26	8.8
Total	297	100.0

12. What is your age?

.3%	25 or less
8.1%	26-35
22.9%	36-45
28.6%	46-55
27.9%	56-65
3.7%	66-75
0.3%	75 or more
No data: 8.1%	