Survey Results
& Analysis

for

Faculty Instructional Technology Survey

University at Buffalo
The State University of New York

Thursday, May 24, 2007

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Executive Summary

This report contains a detailed statistical analysis of the results to the survey titled *Faculty Instructional Technology Survey.* The results analysis includes answers from all respondents who took the survey in the 38 day period from Monday, April 16, 2007 to Wednesday, May 23, 2007. 248 completed responses were received to the survey during this time.

Survey Results & Analysis

Survey: Faculty Instructional Technology Survey
Author: black@buffalo.edu
Filter:
Responses Received: 248

1) 1. Please select your decanal affiliation:

Response	Count	Percent
Architecture & Planning	7	2.8%
Arts & Sciences	78	31.5%
Dental Medicine	8	3.2%
Education	31	12.5%
Engineering & Applied Sciences	27	10.9%
Law	10	4.0%
Management	11	4.4%
Medicine & Biomedical Sciences	25	10.1%
Nursing	15	6.0%
Pharmacy & Pharmaceutical Sciences	4	1.6%
Public Health & Health Professions	13	5.2%
Social Work	19	7.7%

2) 2. Please select the department in which you do the majority of your teaching:

Response	Count	Percent
African-American Studies	4	1.7%
American Sign Language	0	0.0%
American Studies	1	0.4%
Anatomical Sciences	3	1.2%
Anesthesiology	0	0.0%
Anthropology	2	0.8%
Arabic-International Studies	0	0.0%
Architecture	3	1.2%
Architecture and Planning (School of)	2	0.8%
Art	0	0.0%
Art History	1	0.4%

Arts & Sciences Interdisciplinary	0	0.0%
Arts Management Program	0	0.0%
Arts-Humanities-Sciences	0	0.0%
Asian Studies	0	0.0%
Athletics (Division of)Biochemistry	0	0.0%
Biochemistry	2	0.8%
Biological Sciences	4	1.7%
Biomaterials	0	0.0%
Biomedical Sciences	1	0.4%
Biophysical Sciences	0	0.0%
Biostatistics	2	0.8%
Caribbean Cultural Studies	0	0.0%
Chemical & Biological Engineering	3	1.2%
Chemistry	7	2.9%
Chinese	0	0.0%
Civil, Structural & Environmental Engineering	3	1.2%
Classics	2	0.8%
Clinical Dentistry	0	0.0%
Communication	3	1.2%
Communicative Disorders and Sciences	2	0.8%
Comparative Literature	0	0.0%
Computer Science & Engineering	3	1.2%
Cora P. Maloney College	0	0.0%
Counseling, School & Educational Psychology	4	1.7%
Dermatology	0	0.0%
Economics	2	0.8%
Educational Leadership & Policy	4	1.7%
Electrical Engineering	7	2.9%
Electrical Engineering Online	1	0.4%
Emergency Medicine	0	0.0%
Engineering & Applied Sciences (School of)	1	0.4%
Engineering Science	0	0.0%
English	5	2.1%
English as a Second Language	1	0.4%
Exercise Science	3	1.2%
Family Medicine	0	0.0%
French	0	0.0%

Geography	2	0.8%
Geology	2	0.8%
German	0	0.0%
Graduate School of Education	0	0.0%
Greek - Ancient	0	0.0%
Greek - Modern	1	0.4%
Gynecology-Obstetrics	1	0.4%
Health Behavior	0	0.0%
Hebrew	0	0.0%
Hindi	0	0.0%
History	5	2.1%
Humanities	0	0.0%
Industrial & Systems Engineering	3	1.2%
Informatics	0	0.0%
Integrated Medical Curriculum	0	0.0%
Interdisciplinary Degree Programs Social Sciences	4	1.7%
Irish	1	0.4%
Italian	0	0.0%
Japanese-International Studies	0	0.0%
Judaic Studies	0	0.0%
Korean	0	0.0%
Latin	0	0.0%
Latina/Latino Studies Program	0	0.0%
Law School	11	4.5%
Learning & Instruction	14	5.8%
Learning Center	1	0.4%
Legal Studies	0	0.0%
Library & Information Studies	5	2.1%
Linguistics	1	0.4%
Management (School of)	3	1.2%
Management Science & Systems	2	0.8%
Mathematics	6	2.5%
Mechanical & Aerospace Engineering	5	2.1%
Media Study	1	0.4%
Medical & Health Informatics	0	0.0%
Medical Scientist Training Program	0	0.0%
Medical Technology	2	0.8%

Medicinal Chemistry	0	0.0%
Medicine	1	0.4%
Medicine & biomedical Sciences (School of)	1	0.4%
Medicine - Interdepartmental Studies	0	0.0%
Mg-Accounting	0	0.0%
Mg-Economics	0	0.0%
Mg-Finance	0	0.0%
Mg-General Management	0	0.0%
Mg-Health Care Management	0	0.0%
Mg-Industrial Relations	2	0.8%
Mg-Management & Policy	0	0.0%
Mg-Marketing	2	0.8%
Mg-Operations Analysis	0	0.0%
Mg-Organizational & Behavioral Science	0	0.0%
Mg-Quantitative Methods	1	0.4%
Microbiology & Immunology	0	0.0%
Millard Fillmore College	1	0.4%
Music	2	0.8%
Music Theatre	1	0.4%
Neurology	0	0.0%
Neuroscience	0	0.0%
Neurosurgery	0	0.0%
Nuclear Medicine	0	0.0%
Nursing (School of)	15	6.2%
Nutrition	3	1.2%
Occupational Therapy	1	0.4%
Occupational Therapy - Developmental Disabilities	0	0.0%
Occupational Therapy - Early Intervention/Sch Based	0	0.0%
Ophthalmology	0	0.0%
Oral & Maxillofacial Surgery	0	0.0%
Oral Biology	0	0.0%
Oral Diagnostic Sciences	0	0.0%
Oral Sciences	0	0.0%
Orthodontics	0	0.0%
Orthopaedics	0	0.0%
Otolaryngology	0	0.0%
Overseas Academic Programs	0	0.0%

Pathology	0	0.0%
Pediatric & Community Dentistry	1	0.4%
Pediatrics	2	0.8%
Periodontics & Endodontics	4	1.7%
Pharmaceutics	2	0.8%
Pharmacology & Toxicology	4	1.7%
Pharmacy	1	0.4%
Philosophy	2	0.8%
Physical Therapy	1	0.4%
Physics	4	1.7%
Physiology	3	1.2%
Policy Studies	0	0.0%
Polish	0	0.0%
Polish Studies	0	0.0%
Political Science	2	0.8%
Portuguese	0	0.0%
PRCI-Cell & Molecular Biology	0	0.0%
Psychiatry	1	0.4%
Psychology	7	2.9%
Radiation Oncology	0	0.0%
Radiology	0	0.0%
Rehabilitation Medicine	0	0.0%
Rehabilitation Sciences	2	0.8%
Religious Studies	0	0.0%
Restorative Dentistry	2	0.8%
Romance Languages & Literature	0	0.0%
RPCI-Biophysics	0	0.0%
RPCI-Cancer Pathology & Prevention	0	0.0%
RPCI-Cell & Molecular Biology	0	0.0%
RPCI-Microbiology	0	0.0%
RPCI-Natural Sciences	0	0.0%
RPCI-Pharmacology	0	0.0%
Russian	1	0.4%
Social & Preventative Medicine	1	0.4%
Social Work (School of)	17	7.0%
Sociology	3	1.2%
Spanish	0	0.0%

Structural Biology	0	0.0%
Surgery	1	0.4%
Theatre	3	1.2%
Theatre Dance	0	0.0%
Ukrainian	0	0.0%
Undergraduate Academic Services (Division of)	0	0.0%
Undergraduate College	0	0.0%
University Experience	0	0.0%
Urban & Regional Planning	1	0.4%
Urology	0	0.0%
Visual Studies	1	0.4%
Women's Studies	0	0.0%
World Languages Program	0	0.0%

3) 3. Please indicate your instructional role at UB:

Base Question	Architecture & Planning	Arts & Sciences	Public Health & Health Professions	Social Work	Dental Medicine	Education	Engineering & Applied Sciences	Law	Management	Medicine & Biomedical Sciences	Nursing	Pharmacy & Pharmaceutical Sciences
(Did not answer)	14.3% (1)	0.0% (0)	0.0% (0)	5.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Professor	0.0% (0)	25.6% (20)	7.7% (1)	5.3% (1)	25.0% (2)	9.7% (3)	48.1% (13)	60.0% (6)	9.1% (1)	32.0% (8)	0.0% (0)	25.0% (1)
Associate Professor	28.6% (2)	26.9% (21)	38.5% (5)	26.3% (5)	37.5% (3)	19.4% (6)	14.8% (4)	10.0% (1)	45.5% (5)	36.0% (9)	33.3% (5)	75.0% (3)
Assistant Professor	28.6% (2)	28.2% (22)	30.8% (4)	15.8% (3)	12.5% (1)	25.8% (8)	11.1% (3)	10.0% (1)	9.1% (1)	24.0% (6)	26.7% (4)	0.0% (0)
Adjunct Professor	28.6% (2)	9.0% (7)	0.0% (0)	15.8% (3)	0.0% (0)	32.3% (10)	3.7% (1)	10.0% (1)	27.3% (3)	0.0% (0)	0.0% (0)	0.0% (0)
Instructor	0.0% (0)	9.0% (7)	23.1% (3)	0.0% (0)	0.0% (0)	6.5% (2)	7.4% (2)	10.0% (1)	9.1% (1)	8.0% (2)	6.7% (1)	0.0% (0)
Graduate / Teaching Assistant	0.0% (0)	0.0% (0)	0.0% (0)	31.6% (6)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other	0.0% (0)	1.3% (1)	0.0% (0)	0.0% (0)	25.0% (2)	6.5% (2)	14.8% (4)	0.0% (0)	0.0% (0)	0.0% (0)	33.3% (5)	0.0% (0)
Total Counts	7	78	13	19	8	31	27	10	11	25	15	4

4) 4. When teaching with technology and preparing course materials, do you generally consider yourself:

Base Question	Architecture & Planning	Arts & Sciences	Public Health & Health Professions	Social Work	Dental Medicine	Education	Engineering & Applied Sciences	Law	Management	Medicine & Biomedical Sciences	Nursing	Pharmacy & Pharmaceutical Sciences
(Did not answer)	0.0% (0)	0.0% (0)	7.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Expert, use multiple technologies with ease	14.3% (1)	14.1% (11)	23.1% (3)	5.3% (1)	12.5% (1)	6.5% (2)	29.6% (8)	30.0% (3)	63.6% (7)	20.0% (5)	20.0% (3)	0.0% (0)
Very comfortable, require little assistance with material preparation or technology classrooms	28.6% (2)	34.6% (27)	38.5% (5)	42.1% (8)	12.5% (1)	45.2% (14)	55.6% (15)	0.0% (0)	9.1% (1)	40.0% (10)	13.3% (2)	100.0% (4)
Comfortable, but require some consultation and occasional troubleshooting assistance	57.1% (4)	43.6% (34)	23.1% (3)	42.1% (8)	62.5% (5)	32.3% (10)	14.8% (4)	50.0% (5)	27.3% (3)	40.0% (10)	53.3% (8)	0.0% (0)
Uncomfortable, require a moderate amount of consultation and support	0.0% (0)	6.4% (5)	7.7% (1)	5.3% (1)	12.5% (1)	12.9% (4)	0.0% (0)	20.0% (2)	0.0% (0)	0.0% (0)	13.3% (2)	0.0% (0)
I avoid the use of technology in teaching	0.0% (0)	1.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other	0.0% (0)	0.0% (0)	0.0% (0)	5.3% (1)	0.0% (0)	3.2% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Total Counts	7	78	13	19	8	31	27	10	11	25	15	4

5) 5. How do you encourage students to use instructional technologies? (Check all that apply.)

Response	Count	Percent

Suggest use of online resources	221	89.1%
Suggest use of presentation software for individual/group projects	138	55.6%
Suggest "creative use" of multimedia for papers/presentations	98	39.5%
Suggest use of discussion forums/chat features in UBlearns	77	31.0%
Suggest inclusion of digital images in presentations/papers	113	45.6%
By using or referring to Blogs, Wikis, or other types of social networking	38	15.3%
By requiring use of technology as part of their grade or other evaluation (e.g. UBlearns or other)	117	47.2%
By incorporating use of technology in lectures to encourage "active learning"	159	64.1%
By offering a course through a non-traditional delivery format (e.g., video or online access)	54	21.8%
I do not encourage students to use instructional or multimedia technologies	5	2.0%
Other	12	4.8%

6) 6. Please indicate your sources of help when working with the following technologies. (Check all that apply.)

(Percentages)	Dept. IT Support	Dept. Instructional Help	CIT Help Desk	UB Micro	Library Services	ETC	Colleagues	Students	Online Help	Other	Don't Know / Not Applicable
Preparing course materials	19.8%	13.3%	5.2%	0.8%	22.2%	10.9%	39.5%	13.3%	18.1%	12.1%	16.5%
Incorporating multimedia	23.8%	10.5%	3.6%	0.8%	6.5%	10.5%	24.2%	10.1%	12.9%	11.3%	22.2%
Learning new technologies	25.0%	12.5%	7.3%	4.8%	6.9%	22.6%	32.3%	11.3%	18.1%	12.5%	12.9%
Desktop software	34.3%	10.5%	6.0%	6.0%	2.0%	5.6%	22.2%	6.9%	16.5%	16.1%	14.1%
Research software	18.1%	5.6%	3.6%	2.0%	9.3%	4.0%	27.8%	4.8%	13.3%	14.1%	21.8%
Discipline-specific software	16.1%	6.9%	2.0%	1.2%	4.4%	2.0%	25.0%	5.6%	16.1%	14.5%	24.6%
Image Scanning	22.2%	10.5%	0.8%	0.0%	2.0%	4.4%	12.5%	6.9%	6.9%	10.1%	25.0%
Test scoring services	7.3%	4.8%	4.0%	0.4%	0.4%	4.8%	7.7%	3.2%	4.0%	8.1%	44.0%
Office computer "not working"	58.1%	7.7%	13.7%	3.2%	0.0%	0.8%	7.7%	1.6%	6.0%	9.7%	11.7%
Logging-in from home	36.3%	5.2%	21.0%	0.8%	1.6%	0.8%	4.8%	1.6%	12.5%	10.1%	14.1%

8) 8. To what degree does each of the following attract you to teaching with technology?

(Percentages)	Not at all	Small degree	Moderate degree	Large degree	Don't Know / Not Applicable
Ability to address different student learning styles	10.3%	18.2%	33.1%	34.7%	3.7%

Desire to facilitate communication between instructor(s) and students	3.7%	5.3%	26.3%	63.0%	1.6%
Desire to facilitate communication among students	11.6%	19.1%	32.8%	32.4%	4.1%
Desire to increase students' access to course materials	0.8%	4.1%	17.5%	75.2%	2.4%
Ability to use games & simulations to teach certain topics	35.7%	17.2%	16.4%	16.8%	13.9%
Ability to use multimedia course materials	10.0%	16.3%	23.4%	44.8%	5.4%
Potential to make teaching more efficient (time saving)	9.1%	14.5%	27.0%	46.1%	3.3%
Ability to expect higher quality work from students	15.1%	15.1%	34.9%	29.4%	5.5%
Desire to increase students' familiarity with technology	17.8%	20.2%	28.9%	29.8%	3.3%
Student demand for use of technology	18.6%	22.7%	35.5%	19.0%	4.1%
Personal enjoyment of working with technology	16.5%	20.6%	30.5%	30.9%	1.6%
Desire to reduce cost of education to students	22.8%	22.0%	27.0%	17.4%	10.8%
Desire to improve access to educational materials to students	2.1%	6.2%	21.4%	68.3%	2.1%
Desire to provide access to non-traditional or off-campus students	26.7%	19.6%	15.4%	30.0%	8.3%

9) 9. To what degree do each of the following serve as a technical barrier to teaching with technology?

(Percentages)	Not a barrier at all	Small degree	Moderate degree	Large degree	Don't Know / Not Applicable
Network / Internet connection problems	36.7%	35.8%	17.1%	8.3%	2.1%
Technical problems with home computer	39.2%	30.0%	20.0%	7.1%	3.8%
Technical problems with office computer	40.1%	35.0%	15.6%	4.2%	5.1%
Lack of current hardware and/or software	35.4%	32.1%	17.3%	11.0%	4.2%
Lack of access to a technology-enabled classroom	32.2%	24.3%	18.0%	21.8%	3.8%
Lack of technology support in classrooms or labs	39.1%	26.1%	16.4%	15.1%	3.4%
Inadequate technical staff support in general	42.6%	23.6%	16.5%	11.0%	6.3%
Lack of necessary technical skills	29.6%	37.9%	18.8%	11.3%	2.5%
Lack of teaching skills specific to the technology-enhanced environment	36.8%	31.0%	16.3%	10.0%	5.9%
Uncertainty about how to get started	51.5%	22.6%	11.3%	9.2%	5.4%
Disciplinary content unsuited to delivery via technology	50.8%	19.7%	11.3%	7.6%	10.5%

10) 10. To what degree do each of the following serve as an administrative or training barrier to teaching with technology?

(Percentages)	Not a barrier at all	Small degree	Moderate degree	Large degree	Don't Know / Not Applicable
Amount of time required to learn about technology tools	18.8%	25.0%	29.6%	25.0%	1.7%
Amount of time required to use technology in class	31.3%	31.7%	25.4%	8.8%	2.9%

Inadequate student access to technologies	36.4%	35.2%	16.9%	5.1%	6.4%
Copyright / intellectual property concerns	30.5%	37.7%	17.8%	10.2%	3.8%
Lack of resources for initial course development	24.5%	31.2%	19.8%	20.3%	4.2%
Lack of models / examples of effective uses of technology	29.2%	30.5%	22.0%	15.3%	3.0%
Lack of formal recognition (e.g., promotion/tenure) for educational technology use	25.0%	19.2%	18.8%	29.6%	7.5%
Doubts about the usefulness of teaching with technology	50.6%	23.4%	13.8%	8.8%	3.3%
Student resistance to technology	60.5%	26.1%	8.0%	0.8%	4.6%
Difficulty keeping up with changes in technology	27.9%	32.1%	24.2%	13.8%	2.1%
Lack of "hands on" technology classroom space(s)	29.4%	21.7%	20.9%	21.3%	6.8%

12) 12. Below are several issues on which UB might focus efforts and budget resources. Please indicate your level of priority for each.

(Percentages)	High priority	Moderate priority	Neutral, has value, but not a priority	Low priority	Don't Know / Not Applicable
More public computing labs/spaces	19.5%	30.9%	31.4%	10.6%	7.6%
More technology classrooms	55.8%	25.4%	10.0%	4.6%	4.2%
Expanded technology classroom tools (e.g., video course capture, smartboards, annotation tablets)	34.6%	28.3%	20.7%	11.8%	4.6%
Library facilities / services	32.6%	36.4%	23.3%	3.4%	4.2%
Improving student IT literacy skills	19.7%	35.5%	31.2%	8.5%	5.1%
Course management system (UBlearns)	33.8%	33.3%	22.4%	7.2%	3.4%
Digital content storage system / repository	25.0%	29.3%	25.9%	9.5%	10.3%
Seminars about improving pedagogy through use of instructional technologies	25.5%	28.9%	22.2%	17.2%	6.3%
Facilities to use technology tools (scanners, A/V editing, multimedia)	27.2%	30.6%	26.8%	10.2%	5.1%
Facilities for students to learn how to use technology tools (e.g., scanners, A/V editing, multimedia incorporation)	15.5%	32.6%	31.8%	13.7%	6.4%
Ability to borrow technology tools (e.g., laptops, projectors, cameras, recorders)	20.3%	28.4%	34.3%	11.0%	5.9%
Emerging technologies (e.g., blogs, wikis, podcasting)	23.6%	27.8%	28.3%	12.7%	7.6%
Improving discipline-specific software	22.7%	27.9%	30.9%	10.7%	7.7%
More "hands-on" technology-enabled classrooms	43.0%	26.0%	18.7%	5.5%	6.8%
Small, technology-enabled work group spaces	23.1%	25.8%	31.4%	10.5%	9.2%

13) 13. If you had a block of time set aside to learn more about teaching with technology, which of the following topics would interest you?

(Percentages)	Very interested	Somewhat interested	Neutral "depends on how it's delivered"	Not interested	Don't know / Not applicable
Pedagogy of technology-enhanced learning	33.5%	20.9%	27.4%	14.8%	3.5%
Evaluation of technology-enhanced learning	25.7%	25.7%	27.4%	18.1%	3.1%
Information design (how to organize and present information)	32.8%	26.6%	24.0%	14.0%	2.6%
Usability testing (how to design materials for easy use)	24.8%	29.2%	26.5%	17.3%	2.2%
Copyright / intellectual property concerns	16.4%	26.2%	34.2%	19.6%	3.6%
Adapting publishers content for courses	16.6%	24.2%	37.7%	17.5%	4.0%
Colleagues' use of educational technology	18.1%	37.0%	29.1%	12.8%	3.1%
Funding opportunities for educational technology projects	28.8%	26.5%	24.3%	16.8%	3.5%
Web page authoring	18.1%	24.2%	32.2%	22.9%	2.6%
Social networking or online tools (blogs, wikis, chat, instant messaging (IM)	16.6%	17.5%	32.3%	28.3%	5.4%
Electronic presentations (e.g. PPT)	17.0%	21.8%	32.3%	25.3%	3.5%
Image editing software (e.g., Photoshop, Fireworks)	21.8%	28.0%	25.8%	20.4%	4.0%
Digital video or audio editing software (e. g. Premier, Garage Band)	22.3%	26.4%	27.7%	19.5%	4.1%
Podcasting or video course capture	25.7%	26.1%	23.9%	20.4%	4.0%
Spreadsheet software (e.g. Excel)	12.7%	20.6%	31.6%	31.6%	3.5%
Database software (e.g. Access, Filemaker Pro)	12.4%	19.9%	30.1%	32.7%	4.9%
Animation/ modeling software (e.g. Flash)	15.5%	27.9%	27.9%	23.0%	5.8%
CD authoring tools (e.g. Authorware)	11.3%	20.4%	28.5%	33.0%	6.8%
Course management tools (e.g. UBlearns)	25.3%	25.8%	27.1%	19.1%	2.7%
Publishing tools (e.g. Acrobat, PageMaker)	15.0%	28.2%	29.5%	24.2%	3.1%
Web conferencing / shared desktop software (e.g. WebEx, Adobe Presenter)	16.2%	30.6%	24.8%	23.9%	4.5%

14) 14. Considering the previous question, what is your preferred manner of receiving information about technology? (Check all that apply.)

Response	Count	Percent

Short video-based clips via the web	115	46.4%
Instruction in my office	79	31.9%
Assistance via departmental IT support staff	84	33.9%
Short workshop sessions (@ ETC or other)	127	51.2%
Hands-on session in lab	132	53.2%
Electronic / shared desktop class (e.g., WebEx or Adobe Presenter)	40	16.1%
Other	14	5.6%

15) 15. In thinking about "the perfect technology-enabled classroom" how would you rate the importance of the following features?

(Percentages)	High priority - must have	Very important	Nice to have, but not critical	Low priority	Don't Know / Not Applicable
Chalkboard (traditional)	35.6%	16.3%	21.9%	24.5%	1.7%
Whiteboard	15.7%	22.7%	39.7%	18.8%	3.1%
"Smartboard" (interactive whiteboard)	11.9%	23.8%	39.6%	16.7%	7.9%
Variable lighting control	42.3%	31.2%	20.5%	5.1%	0.9%
Touchscreen selection control	26.4%	26.8%	32.9%	12.1%	1.7%
Video projector	67.8%	23.3%	3.4%	3.8%	1.7%
Visualizer	33.6%	24.9%	21.4%	9.2%	10.9%
VCR/DVD "combo-player"	46.9%	20.8%	18.6%	11.1%	2.7%
Acoustically treated rooms (so students can better hear instructor / each other)	41.7%	27.7%	22.1%	6.4%	2.1%
Slide projector(s)	9.3%	8.4%	23.8%	50.7%	7.9%
Digital lecture recording (instructor audio only)	9.7%	14.6%	36.7%	27.9%	11.1%
Digital lecture recording (audio + projected/displayed content - no instructor capture)	8.4%	16.4%	34.1%	29.2%	11.9%
Digital lecture recording (audio + displayed content + video of instructor)	12.4%	14.7%	30.2%	31.1%	11.6%
Projection display of selected student's workstation or laptop	8.5%	19.3%	35.0%	28.3%	9.0%
Audience Response System ("clickers")	13.7%	19.5%	29.6%	29.2%	8.0%
Media-on-demand (desktop delivery/classroom projection of VHS/DVD film titles)	19.6%	22.7%	28.9%	22.7%	6.2%
Electronic Annotation (a digital pen to "mark up" PC/projected content)	23.9%	27.0%	24.8%	16.8%	7.5%
Wireless Internet Access	57.5%	20.6%	11.0%	9.2%	1.8%

17) The next several questions refer to UBlearns features. If you do not use UBlearns, please skip to question 18.17. Which of the following Course Content features do you use? (Check all that apply.)

Response	Count	Percent
Course Information	196	79.0%
Document Management	136	54.8%
Staff Information	89	35.9%
Don't Know / Not Applicable	13	5.2%

18) Which of the following Communication features do you use? (Check all that apply.)

Response	Count	Percent
Email	215	86.7%
Calendar	47	19.0%
Collaboration / Chat	34	13.7%
Digital Drop Box	72	29.0%
Discussion Board	88	35.5%
Group Management	54	21.8%
Don't Know / Not Applicable	7	2.8%

19) Which of the following Course Tools do you use? (Check all that apply.)

Response	Count	Percent
Glossary	14	5.6%
Tasks	26	10.5%
Course Statistics	78	31.5%
Gradebook	123	49.6%
Don't Know / Not Applicable	43	17.3%

20) Which of the following Assessment features do you use? (Check all that apply.)

Response	Count	Percent
Tests	68	27.4%
Quizzes	62	25.0%

Surveys	36	14.5%
Pools	15	6.0%
Assignment Submission	66	26.6%
Don't Know / Not Applicable	70	28.2%

21) Which of the following Support/Help features do you use? (Check all that apply.)

Response	Count	Percent
Faculty Help Website	50	20.2%
Blackboard Instructor Manual	72	29.0%
CIT Help Desk	71	28.6%
Contact UBlearns support through email or the "Need More Help?" online form	82	33.1%
Don't Know / Not Applicable	45	18.1%

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