

1. How often do you use the following instructional strategies in your classes?

	Almost Never	Rarely	Sometimes	Frequently	Almost Always
Extensive lecturing	1	2	3	4	5
Whole class discussions	1	2	3	4	5
Small group discussions	1	2	3	4	5
Group projects	1	2	3	4	5
Individual projects	1	2	3	4	5
Cooperative learning	1	2	3	4	5
Problem-based or case-based learning	1	2	3	4	5
Recitals or demonstrations	1	2	3	4	5
Student presentations to the class	1	2	3	4	5
Peer review of assignments	1	2	3	4	5
Multiple drafts of written assignments	1	2	3	4	5
Experiential learning/field studies	1	2	3	4	5
Other (specify):	1	2	3	4	5

1a. Has technology enhanced your ability to implement any of these strategies? Yes No Don't know

1b. If yes, give an example of a technology you used and briefly describe how has it enhanced your teaching.

2. To what extent have you integrated technology into the courses you teach?

(we could ask this as a general question or ask respondents to answer for each course they have taught in the last year. I'd like to get at the idea of "technology" as being more than just word processing. What is 'technology?')

Course Preparation:

- ? I make extensive use of technology when preparing my courses
- ? I make some use of technology when preparing my courses
- ? I do not use technology when preparing my courses

Course Communication:

- ? On-line communication is an essential part of my courses
- ? On-line communication is an option for students in my courses
- ? I do not use on-line communication as part of my **courses**

Classroom Instruction:

- ? Technology is an essential part of classroom instruction
- ? I occasionally use technology as a supplement to classroom instruction
- ? I do not use technology as part of classroom instruction

Student Assignments:

- ? Technology is essential for out-of-class assignments
- ? I use technology as an optional supplement to out-of-class assignments
- ? I do not ask students to use technology for out-of-class assignments

3. Have you undertaken any of the following activities to prepare for the courses you teach?

YES		... and I was pleased with the results					
... but I'm not convinced it improved the quality of the course							?
... because I don't believe it would improve the quality of the course							?
... because I don't have the time or resources to do so							?
NO		... but I would like to try with some guidance					
Not sure...							?
I am not familiar with this use of technology							?
	?						
Creating presentations using software such as Powerpoint	1	2	3	4	5	6	7
Creating course materials using multimedia authoring tools	1	2	3	4	5	6	7
Creating course materials using simulation authoring tools	1	2	3	4	5	6	7
Accessing information on the web	1	2	3	4	5	6	7
Using courseware to create a web page	1	2	3	4	5	6	7
Using Catalyst tools as part of a web page	1	2	3	4	5	6	7
Creating simple course materials (e.g. class syllabi, required reading, lecture notes, simple graphics, links) using web authoring tools	1	2	3	4	5	6	7
Creating advanced course materials on the web (e.g. audio, dynamic graphics, video)	1	2	3	4	5	6	7
Other (specify):	1	2	3	4	5	6	7

Optional Questions:

3a. Pick one of the above technologies that you have used and tell us about your experience. If it enhanced your teaching, how did it do so? If something went wrong, what happened?

3b. Pick one of the above technologies that you are intrigued with, but haven't used. How do you imagine it could enhance your teaching? What have been the barriers to using it?

4. How have you used technology as a means of communication with students or for students to communicate with each other in the courses that you teach?

YES	... and I was pleased with the results						
	... but I'm not convinced it improved the quality of the course						?
	... but I was not pleased with the results						?
NO	... but I would like to try with some guidance						
	... because I don't believe it would improve the quality of the course						?
	... because I don't have the time or resources to do so						?
Not sure...	I am not familiar with this use of technology						?
	?						
Posting announcements on a class web page	1	2	3	4	5	6	7
Class email list	1	2	3	4	5	6	7
Class bulletin board	1	2	3	4	5	6	7
Web-based course evaluation	1	2	3	4	5	6	7
On-line peer review	1	2	3	4	5	6	7
Video teleconferencing	1	2	3	4	5	6	7
Chat rooms	1	2	3	4	5	6	7
Other (specify):	1	2	3	4	5	6	7

Optional Questions:

4a. Pick one of the above technologies that you have used and tell us about your experience. If it enhanced your teaching, how did it do so? If something went wrong, what happened?

4b. Pick one of the above technologies that you are intrigued with, but haven't used. How do you imagine it could enhance your teaching? What have been the barriers to using it?

5. How have you used technology during classroom instruction in the courses you teach?

YES		... and I was pleased with the results					
... but I'm not convinced it improved the quality of the course							?
... because I don't believe it would improve the quality of the course							?
... because I don't have the time or resources to do so							?
NO		... but I would like to try with some guidance					
Not sure...		I am not familiar with this use of technology					?
		?					
Powerpoint lectures	1	2	3	4	5	6	7
Multimedia presentations	1	2	3	4	5	6	7
Interactive simulations	1	2	3	4	5	6	7
Accessing information on the web	1	2	3	4	5	6	7
Discipline-specific applications	1	2	3	4	5	6	7
Data analysis software	1	2	3	4	5	6	7
Video teleconferencing	1	2	3	4	5	6	7
Self-paced instructional tools	1	2	3	4	5	6	7
Displaying information using GIS tools or other spatial display of information	1	2	3	4	5	6	
3-D Models/visualization tools	1	2	3	4	5	6	7
Other (specify):	1	2	3	4	5	6	7

Optional Questions:

5a. Pick one of the above technologies that you have used and tell us about your experience. If it enhanced your teaching, how did it do so? If something went wrong, what happened?

5b. Pick one of the above technologies that you are intrigued with, but haven't used. How do you imagine it could enhance your teaching? What have been the barriers to using it?

6. How have you asked your students to use technology for assignments or supplemental activities in the courses you teach?

YES		... and I was pleased with the results			
		... but I'm not convinced it improved the quality of the course			?
		... but I was not pleased with the results			?
NO		... but I would like to try with some guidance			
		... because I don't believe it would improve the quality of the course			?
		... because I don't have the time or resources to do so			?
Not sure...		I am not familiar with this use of technology			
		?			
Use data analysis software	1	2	3	4	
Use presentation software (e.g., Powerpoint) to create presentations	1	2	3		
Use web or multi-media authoring tools to create presentations/reports	1	2	3		
Use interactive simulations	1	2	3	4	
Create models using software such as STELLA	1	2	3	4	
Use web to conduct research	1	2	3	4	
Use self-paced tutorials	1	2	3	4	
Computer-based testing	1	2	3	4	
Participate in on-line discussions	1	2	3	4	
Use graphics software	1	2	3	4	
Use software to compose music or dances	1	2	3	4	
Interact with 3-D models/visualization tools	1	2	3	4	
Use GIS tools to ???	1	2	3	4	
Other (specify):	1	2	3	4	

Optional Questions:

6a. Pick one of the above technologies that you have used and tell us about your experience. If it enhanced your teaching, how did it do so? If something went wrong, what happened?

6b. Pick one of the above technologies that you are intrigued with, but haven't used. How do you imagine it could enhance your teaching? What have been the barriers to using it?

7. Have you attempted to evaluate your instructional uses of technology beyond the standard course evaluation forms?

Yes, and I was pleased with the results

Yes, but I did not learn much from the results

Yes, but I was not pleased with the results

No, but I would like to try with some guidance

No, because I don't believe it would improve the quality of the class

No, because I don't have the time or resources to do so

7a. If yes, briefly describe an experience with evaluation. How did you evaluate your use of technology? What were the results of your evaluation?