

Faculty Use of Non-print Instructional Materials at SJSU

Center for Faculty Development
January, 2013

Agenda

- **Study Overview**
- **Methodology**
- **Results**
- **Discussions**
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Study Overview

- **As one of the Accessible Technology Initiative (ATI) Instructional Materials (IM) AY 2012-2013 action items, the ATI IM committee plans to launch a campus wide discussion of how to address the accessibility of non-print instructional materials.**
- **To date, there have been no systematic efforts to survey faculty about the accessibility of the non-print materials they use. The Committee therefore decided to begin its work by surveying faculty about their current practices**

Methodology

- An anonymous 13-item survey was developed by Center for Faculty Development staff.
- All faculty (including part- and full-time lecturers and tenured/tenure-track faculty) teaching at SJSU during Fall 2012 were emailed on December 14th, 2012 and invited to complete the survey on-line.
- In all, by December 26th, completed surveys were received from 132 respondents.

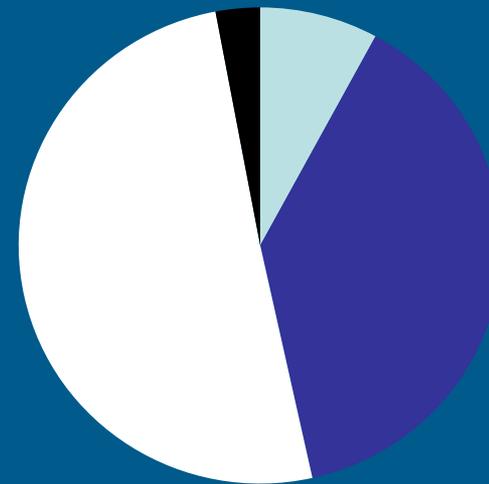
~ Survey Return Rate = 132/1651 (8%) ~

Question 1: This past semester, you were a...

- Full-time lecturer = 10 (8%)
- Part-time lecturer = 52 (39%)
- Tenured or tenure-track faculty = 66 (50%)
- Other = 4 (3%)

Pie chart of the demographic distribution

Total # of respondents = 132

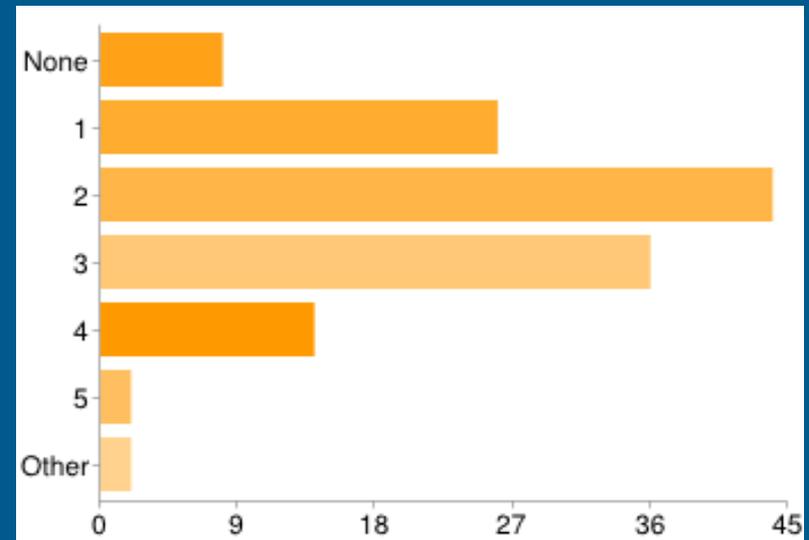


- Full-time lecturer
- Part-time lecturer
- Tenured or tenure-track faculty member
- Other

Question 2: THIS PAST Semester, how many courses did you teach Face-to-Face?

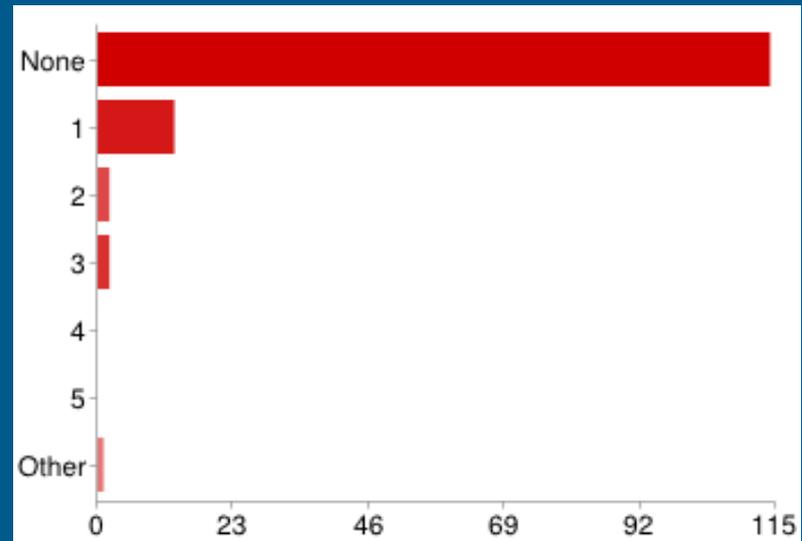
- **None = 8 (6%)**
- **1 = 26 (20%)**
- **2 = 44 (33%)**
- **3 = 36 (27%)**
- **4 = 14 (11%)**
- **5 = 2 (2%)**
- **Other = 2 (2%)**

N = 132



Question 3: THIS PAST SEMESTER, how many courses did you teach On-Line?

- **None = 114 (86%)**
- **1 = 13 (10%)**
- **2 = 2 (2%)**
- **3 = 2 (2%)**
- **4 = 0 (0%)**
- **5 = 0 (0%)**
- **Other = 1 (1%)**

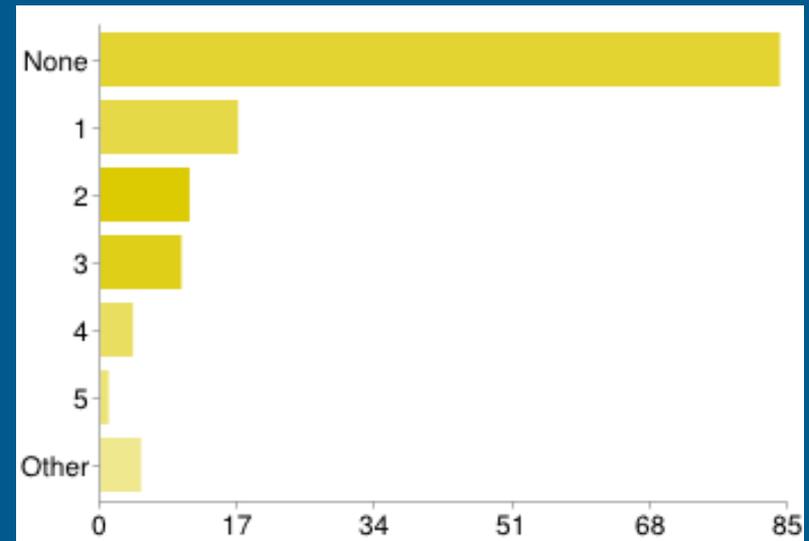


N = 132

Question 4: THIS PAST SEMESTER, how many courses did you teach using a hybrid modality?

- **None = 84 (64%)**
- **1 = 17 (13%)**
- **2 = 11 (8%)**
- **3 = 10 (8%)**
- **4 = 4 (3%)**
- **5 = 1 (1%)**
- **Other = 5 (4%)**

N = 132



Question 5: In total, adding ALL of the classes you taught this semester, how many times did you show video clips IN CLASS that were

| | N | None | 1-5 times | 6-10 times | 11-20 times | Over 20 times |
|-------------------------------|-----|-----------------|-----------------|-----------------|-------------|-----------------|
| 1-5 minutes in duration | 116 | 32 (28%) | 49 (42%) | 16 (14%) | 4 (3%) | 15 (13%) |
| 6-10 minutes in duration | 106 | 49 (46%) | 45 (42%) | 10 (9%) | 2 (2%) | 0 (0%) |
| 11-30 minutes in duration | 93 | 64 (70%) | 26 (27%) | 2 (2%) | 1 (1%) | 0 (0%) |
| Over half an hour in duration | 94 | 56 (61%) | 33(34%) | 4 (4%) | 1 (1%) | 0 (0%) |

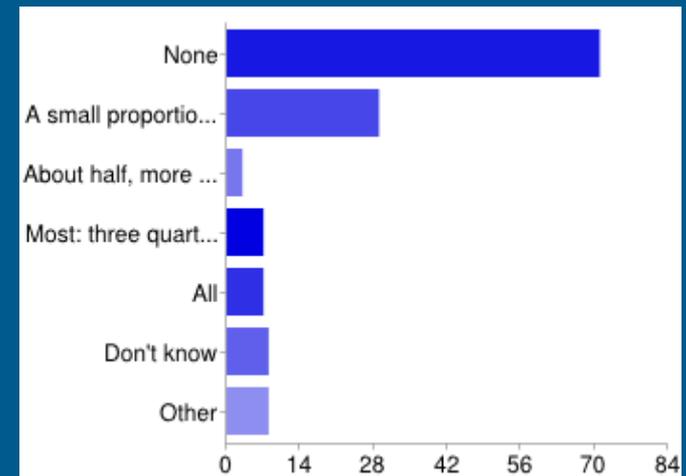
Question 6: In total, adding ALL of the classes you taught this semester, how many times did you assign video clips for students to view OUTSIDE of CLASS that were

| | N | None | 1-5 times | 6-10 times | 11-20 times | Over 20 times |
|-------------------------------|-----|-----------------|-----------------|------------|-------------|---------------|
| 1-5 minutes in duration | 113 | 72 (64%) | 33 (29%) | 3 (2.5%) | 1 (1%) | 4 (3.5%) |
| 6-10 minutes in duration | 98 | 70 (71%) | 26 (27%) | 1 (1%) | 1 (1%) | 0 (0%) |
| 11-30 minutes in duration | 98 | 76 (78%) | 19 (19%) | 2 (2%) | 1 (1%) | 0 (0%) |
| Over half an hour in duration | 91 | 76 (84%) | 13 (14%) | 0 (0%) | 1 (1%) | 1 (1%) |

Question 7: What proportion of the video clips you showed IN CLASS this past semester were captioned or transcribed?

- None = 72 (55%)
- A quarter or less = 29 (22%)
- About half, more or less = 2 (2%)
- Three quarters or more = 7 (5%)
- All = 7 (5%)
- Don't know = 7 (5%)
- Other = 8 (6%)

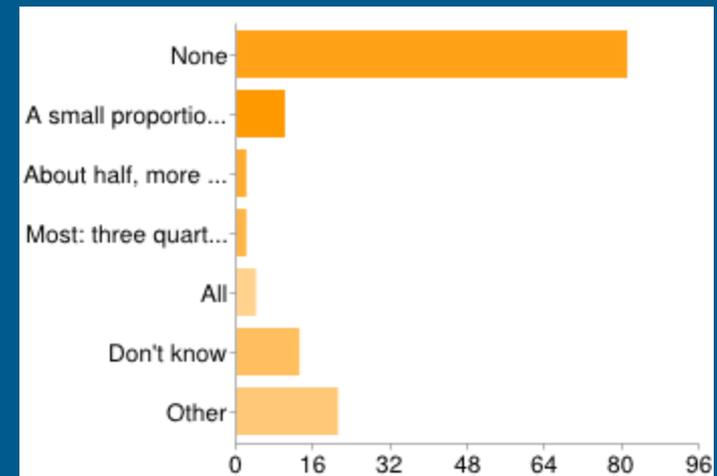
N = 132



Question 8: What proportion of the video clips you assigned for students to view OUTSIDE of CLASS were captioned or transcribed?

- **None = 82 (62%)**
- **A quarter or less = 10 (8%)**
- **About half, more or less = 2 (2%)**
- **Three quarters or more = 2 (2%)**
- **All = 4 (3%)**
- **Don't know = 12 (9%)**
- **Other = 20 (15%)**

N = 132



Question 9: Where applicable, how was captioning or transcription for the video clips accomplished?

| | N | Never | Very rarely | Fairly frequent | Often | Always |
|---|----|------------------|-----------------|-----------------|----------------|-----------------|
| You did the captioning/transcripti on yourself | 59 | 49 (83%) | 6 (10%) | 1 (2%) | 1 (2%) | 2 (3%) |
| You personally paid someone else to do it | 53 | 53 (100%) | 0 (0%) | 0 (0%) | 0(0%) | 0 (0%) |
| You arranged for dept. /campus resources to do it | 52 | 50 (96%) | 0 (0%) | 0 (0%) | 2 (4%) | 0 (0%) |
| The clips came captioned/transcribed | 75 | 31 (41%) | 12 (16%) | 7 (9%) | 8 (11%) | 17 (23%) |
| Don't know | 49 | 44 (90%) | 0 (0%) | 0 (0%) | 2 (4%) | 3 (6%) |

Question 10: What were the considerations, in those instances where you have not provided captioning or transcription for video clips that you have shown or assigned in your classes?

| | N | Not a factor | 2 | 3 | 4 | Very important |
|--|----|--------------|--------|----------|-----------------|-----------------|
| I didn't know what my responsibilities were | 93 | 43 (46%) | 6 (6%) | 11 (12%) | 8 (9%) | 25 (27%) |
| I didn't know how to go about getting the materials captioned/transcribed | 93 | 37 (40%) | 2 (2%) | 9 (10%) | 12 (13%) | 33 (35%) |
| I assumed students would ask if they needed/wanted captioning/transcription | 93 | 38 (41%) | 4 (4%) | 10 (11%) | 14 (15%) | 27 (29%) |
| I was told there were no resources to provide the captioning/ transcription | 81 | 66 (81%) | 2 (2%) | 0 (0%) | 4 (5%) | 9 (11%) |
| I decided to use the materials at the last minute so I didn't have time to have them captioned/transcribed | 85 | 44 (52%) | 4(5%) | 5 (6%) | 16 (19%) | 17 (20%) |

Question 11: What kinds of content makes up the video clips you tend to use in your teaching?

| | N | Never/very rarely | 2 | 3 | 4 | Very frequently |
|---|-----|-------------------|----------|----------|-----------------|-----------------|
| "Talking heads", e.g., one person talking | 98 | 32 (33%) | 20 (20%) | 17 (17%) | 14 (14%) | 15 (15%) |
| Dialogues, e.g. an interviewer and an interviewee | 104 | 38 (37%) | 16 (15%) | 24 (23%) | 15 (14%) | 11 (11%) |
| Complex scenes, e.g. many people, lots of action and conversation | 103 | 24 (23%) | 20 (19%) | 17 (17%) | 16 (16%) | 26 (25%) |
| Clips w few if any words, e.g. projections of the night sky | 93 | 64 (69%) | 14 (15%) | 4 (4%) | 4 (4%) | 7 (8%) |
| Clips w elaborate graphics, e.g., photographs, data, etc. | 95 | 39 (41%) | 18 (19%) | 14 (15%) | 11 (12%) | 13 (14%) |

Question 12: When you have refrained from using video clips, how important are the following in your decision(s) NOT to show or assign video clips?

| | N | Not a factor | 2 | 3 | 4 | Frequently important |
|--|-----|-----------------|----------|----------|-----------------|----------------------|
| The room did not have necessary hardware | 105 | 63 (60%) | 1 (1%) | 12 (11%) | 6 (6%) | 23 (22%) |
| The hardware was too unreliable (e.g. broken, parts missing, etc.) | 103 | 60 (58%) | 7 (7%) | 7 (7%) | 11 (11%) | 18 (17%) |
| Didn't know how to use the hardware in the room | 103 | 84 (82%) | 6 (6%) | 6 (6%) | 2 (2%) | 5 (5%) |
| Didn't want to assume students (outside of class) had the equipment/access | 103 | 77 (75%) | 8 (8%) | 5 (5%) | 4 (4%) | 9 (9%) |
| Video clips were not captioned/transcribed | 103 | 78 (76%) | 8 (8%) | 4 (4%) | 7 (7%) | 6 (6%) |
| Couldn't find videos that were educationally worthwhile | 106 | 62 (58%) | 12 (11%) | 6 (6%) | 12 (11%) | 14 (13%) |

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

- **Need resources or support - 11**
- **Increase education - 11**
- **No needs/requests from students - 10**
- **Reasons for not using videos - 6**
- **Facility related comments - 6**
- **Requests for video library - 5**
- **Policy related comments - 2**
- **The types of videos used by the Faculty - 10**

Discussion

- ❑ A great deal of the video material faculty use (in class or outside of class) is not captioned or transcribed
- ❑ A significant portion of the video clips being used are relatively short
- ❑ There is room for “education”:
 - ❑ Some faculty are misinformed about their responsibilities
 - ❑ Some faculty want to learn how/what to do

Next Steps and Recommendations

- What are our thoughts about the implications of our data?
- With who do we want to share them?

Points of Contact

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Backup Slides

Backup Slides

Q7 What proportion of the video clips you showed IN CLASS this past semester were captioned or transcribed?

The 8 responses from “Others” are:

- **I teach literature, and more than half the clips I used were from productions of plays, so the students already have the text, though reading and watching at the same time would be difficult. But the clips are usually quite short -- 2 or 3 minutes, and we have just read the scene out it class. Plus, many of the clips are from productions in other languages, and so come with subtitles. But none are captioned or transcribed in a literal sense.**
- **Did not use clips**
- **Subtitled**
- **Produced a videocast with captions**
- **N/A – 2**
- **Blank - 2**

Q8 What proportion of the video clips you showed OUTSIDE of CLASS this past semester were captioned or transcribed?

The 20 responses from “Others” are:

- **N/A – 9**
- **Did not assign video clips - 3**
- **The whole videocast was captioned**
- **Ted Talks**
- **A music video wasn't captioned, but I provided a link to lyrics via another link**
- **Blank - 5**

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

13.1

11 commented on “Need Resources or support” :

- **...hesitant to use many videos due to lack of resources to caption videos. University should provide more support (both technical and monetary)**
- **Provide students to view outside of class via a closed system that respects copyright would be fantastic**
- **...do not want to worry about [accessibility issue] Unless the university provides resources...I will not use [non-print media]**
- **...online courses will be harder to manage [for] students with disabilities. SJSU needs to be prepared for them and their needs**
- **Need help... purchase more updated videos**
- **... more funds...**
- **needs time and support...**
- **Any on-campus resources for getting VHS tapes transferred to DVD?**

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

13.2

11 commented on “Increase education” :

- Completing this survey was eye-opening: ...how unaware I was...to make video clips accessible. I use them frequently in class. ...my awareness of accessibility was limited to printed materials.
- ...how to send [homemade] videos to all. ...wished YouTube did not need to be public...
- ...how to caption narrated PowerPoint that I recorded. any software?
- What do you mean by “transcribed”?
- like to know more about copyright...resources to provide captioning/transcripts...my [legal, ethical] responsibility toward students
- Survey seems to indicate online courses and extensive use of captioned videos are desirable, support these modes of pedagogical content? I _do not_ support online courses or extensive use of video as a valid format for university pedagogy.
- ...love to use more media in my classes but NO skills in HOW to do any of it
- ...I do not use [YouTube] videos because they do not have captioning. I need to learn where and how to receive help with captioning.
- ...like to learn how to caption video clips...
- ..put hour long documentaries online for the students to watch...

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

13.3

10 commented on “No needs/requests from students”:

- I assumed that students with disabilities would inform me... only requests for extra time for tests
- ...never expressed difficulty watching [PBS Newshour] videos
- ...Given the type of classes that I am teaching...no students with this need
- ...no requests for a sign interpreter...students don't require captions for the videos that I show in class.
- I did not have any hearing-impaired students in the class.
- ...Students in nursing do not ...have significant visual and auditory deficits... not relevant to nursing students (2)
- ...had a hearing impaired students and we worked on headphones. ...never had a blind or deaf person in any of my classes.
- ...in 6 years of teaching I have not had visually impaired students in my class
- Often what I am showing was created by my students, so captioning isn't relevant.
- Video clip was silent...video fully described in the lecture notes

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

13.4

6 commented on “Reasons for not using videos” :

- **No resources to caption**
- **No time**
- **MIT’s open-access lecture course is of different nature. student preparedness is different. ..consider (frequent) use of videos (produced by others) in class as not doing my job.**
- **..._do not_in any way support online courses or extensive use of video as a valid format for university pedagogy.**
- **...Learning and “investing” in use of non-print media may not be the best use of my time...prefer more interactive classes.**
- **...very difficult and impractical to transcribe about 30 or so videos I use on a regular basis...[no visually impaired students in my class in the 6 years of teaching]**

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

13.5

6 commented on “Facility related issues” :

- ...Sweeney 410 and 240 are woefully ill equipped ...Steinbeck Center not dark...shades need to be repaired...
- ...the ability to find loud speakers that work in most classrooms...
- ...invest in new classrooms with state-of-the-art film equipment
- The Smart classrooms are terrific.
- I would use more if the projection and sound system worked! ...I bring my own speakers, cart...
- ...stream more video into the classroom, if the equipment and the software were more reliable...

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

13.6

5 commented on “Request for video library” :

- ... [grow] updated video collection ...videos 10+ years old [which] are essential to teaching concepts and facilitating teaching
- Update video library in my content areas. ...the current videos are nearly 30 years old.
- Access to a comprehensive catalog of usable clips and media
- ...aggregate all non-print media from library and IRC to a single source...
- ...work with instructors in building up the film collection

2 commented on “Policy related issue” :

- ...more appropriate measure would be to develop policy to make sure some funds are available to all classes (GE or majors)...
- ...where to find the campus policies on providing captions/transcriptions for videos

Question 13: Any comments you would like to share about your use of non-print media in your teaching, and how the campus might support you?

13.7

The 10 types of video used by the faculty are:

- PBS Newshour
- YouTube
- Old videos, VHS
- MIT
- Homemade or narrated PowerPoint
- Ted Talks
- Yale forum
- Harvard forum
- Wingclips (short movie clips)
- Prezi

Lessons Learned for Future Studies