

SJSU Course Materials Inventory

**Center for Faculty
Development**

January 2017



Agenda

- Study Overview
- Survey Results
- Summary
- Next Step
- Point of Contact



Study Overview

- The Accessible Technology Initiative Instructional Materials (ATI IM) committee wants to collect an inventory of the types of course materials faculty use in their teaching at SJSU.
- On December 1st, 2016 the Center for Faculty Development sent a survey to faculty and asked them to respond in two weeks.
- 282 responses out of 2058 faculty members were collected by mid December.
- The response rate is: $282/2058 = 13.7\%$

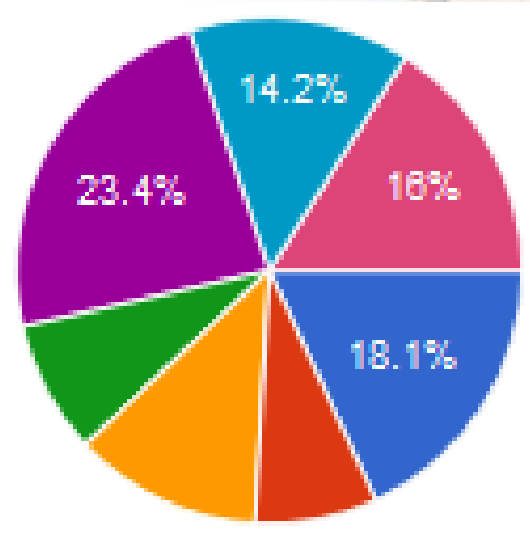
Total Responses by College (in table format)

- 282 out of 2058 faculty responded to our survey with 13.7% response rate.
- The response rate from each college is listed in table format below.

Colleges	Respondents	Proportion of sample total (%)
CASA	51	18.1%
Business	22	7.8%
Education	34	12.1%
Engineering	24	8.5%
H & A	66	23.4%
Science	40	14.2%
Social Sciences	45	16%
Sum =	282	100 %

Q3: Total Responses by College

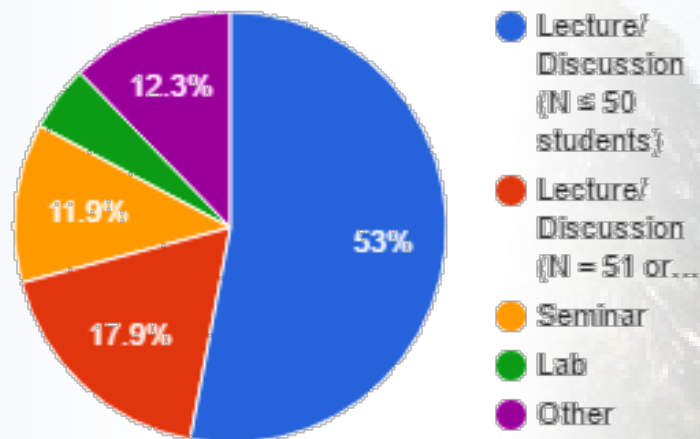
- 282 out of 2058 faculty members responded to our survey with a response rate of $282/2058 = 13.7\%$
- The response rate from each college is listed below.
 - CASA: 51 = 18.1%
 - Business: 22 = 7.8%
 - Education: 34 = 12.1%
 - Engineering: 24 = 8.5%
 - H & A: 66 = 23.4%
 - Science: 40 = 14.2%
 - Social Science: 45 = 16%



Q4: Course Format

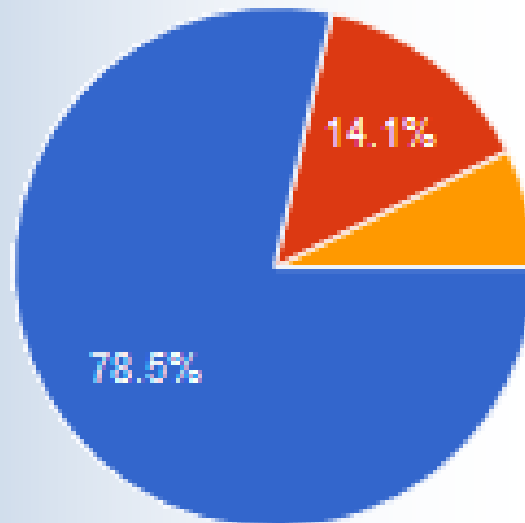
- The course formats for these 282 faculty members are:
 - Lecture/discussion ($N \leq 50$ students)
151 = 53%
 - Lecture/discussion ($N = 51$ or more students)
51 = 17.9%
 - Seminar: 34 = 11.9%
 - Lab: 14 = 4.9%
 - Other: 35 = 12.3%

Numbers



Q5: Course Delivery Mode

- The course delivery modes for these 282 faculty members are:
 - **Face-to-face: 223 = 78.5%**
 - Hybrid: 40 = 14.1%
 - Completely online: 21 = 7.4%

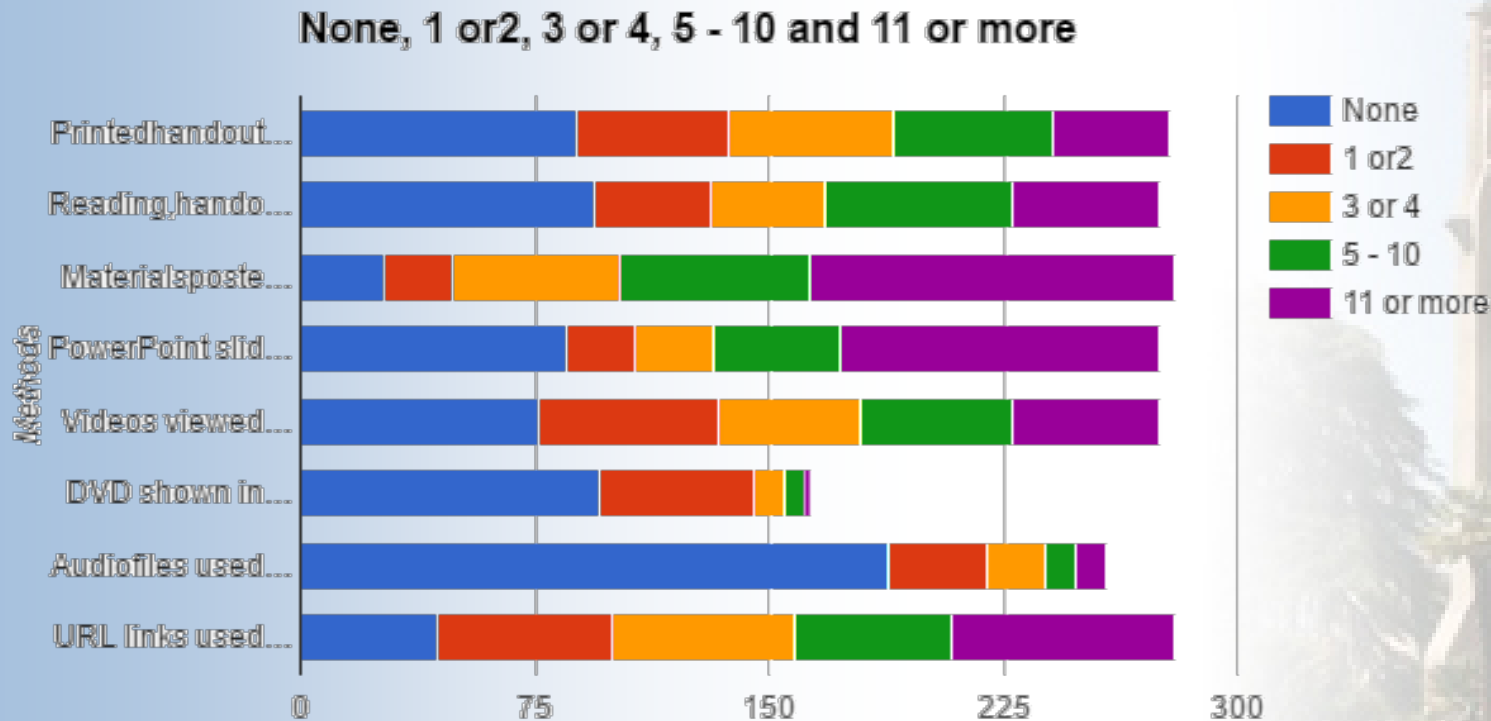


Q6: How many types of instructional materials have you provided for students this semester in this class? (in table format)

Methods	None	1 or 2	3 or 4	5 - 10	11 or more
Printed handouts distributed in class	88 (31.7%)	49 (17.6%)	53 (19.1%)	51 (18.3%)	37 (13.3%)
Reading, handouts, etc. posted online in Word format	94 (34.2%)	37 (13.5%)	37 (13.5%)	60 (21.8%)	47 (17.1%)
Materials posted online in pdf format	27 (9.6%)	22 (7.9%)	53 (18.9%)	61 (21.8%)	117 (41.8%)
PowerPoint slides posted online	85 (30.9%)	22 (8%)	25 (9.1%)	41 (14.9%)	102 (37.1%)
Videos viewed in or outside of class	76 (27.6%)	58 (21.1%)	45 (16.4%)	49 (17.8%)	47 (17.1%)
DVD shown in class	196 (74.5%)	49 (18.6%)	10 (3.8%)	6 (2.3%)	2 (0.8%)
Audio files used in class	188 (72.9%)	32 (12.4%)	18 (7%)	10 (3.9%)	10 (3.9%)
URL links used in class	44 (15.7%)	56 (20%)	58 (20.7%)	50 (17.9%)	72 (25.7%)

Q6: How many types of instructional materials have you provided for students this semester in this class? (in chart format)

➤ Faculty response rate: $282/2058 = 13.7\%$



Q7: Which, if any, of the following did you require in this course?

➤ Traditional textbook:

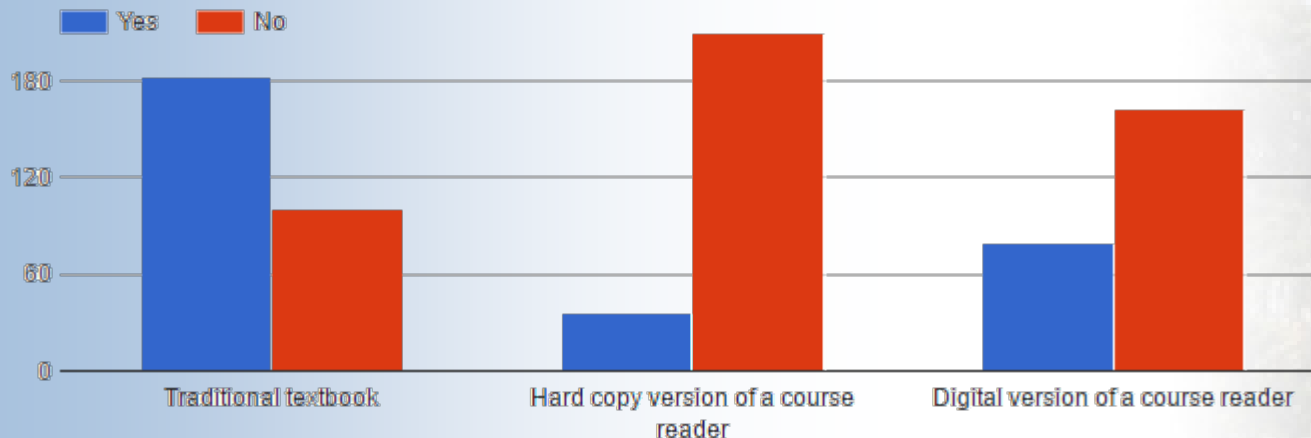
Yes = 179 (64.2%); No = 100 (35.8%)

➤ Hard copy course reader:

Yes = 35 (14.4%); No = 208 (85.6%)

➤ Digital version of course reader:

Yes = 78 (32.5%); No = 162 (67.5%)



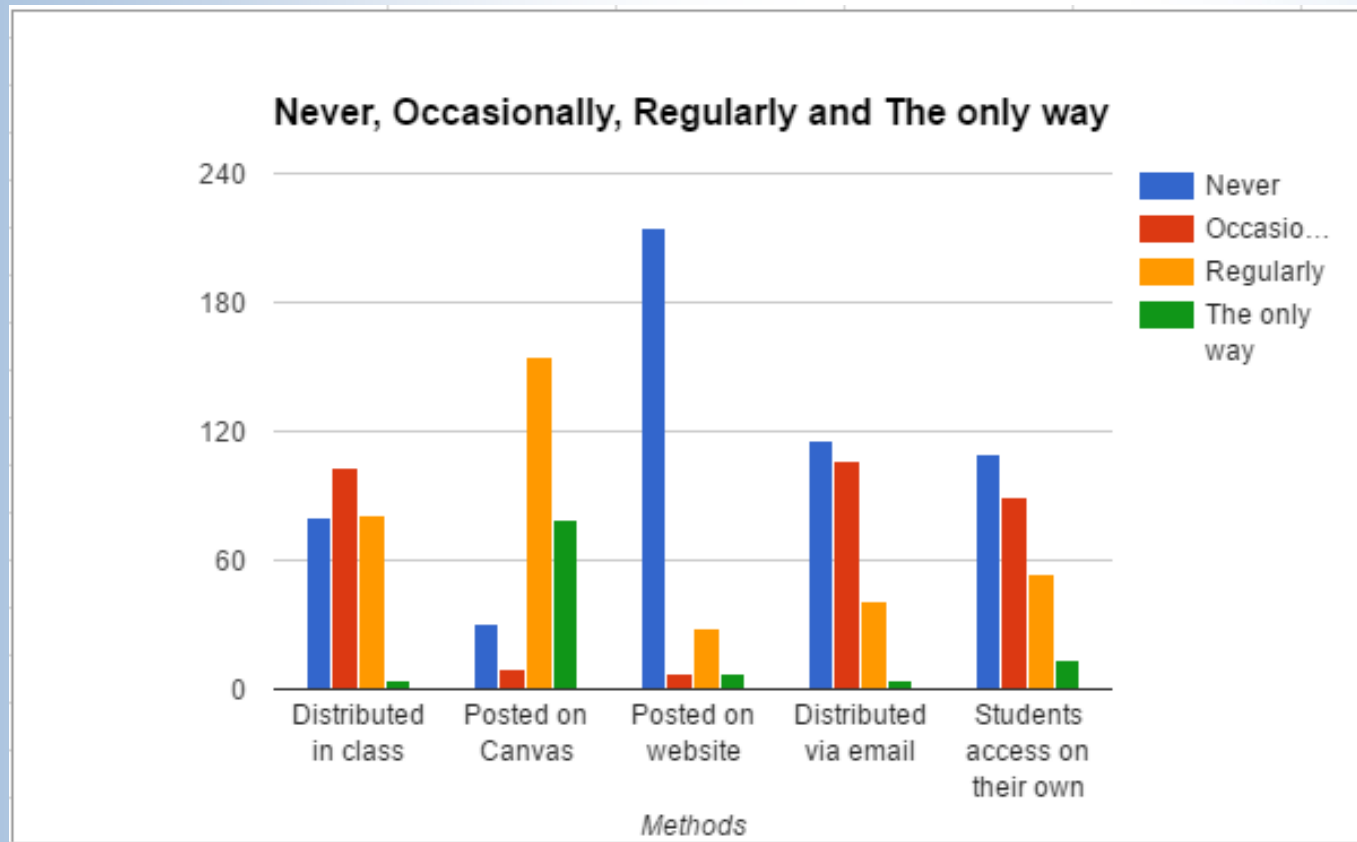
Q8: How did you make instructional materials available to students in this class?

➤ Faculty response rate: $282/2058 = 13.7\%$

Methods	Never	Occasion ally	Regularly	This is the only way
Distributed in class	80 (29.9%)	103 (38.4%)	81 (30.2%)	4 (1.5%)
Posted on Canvas	31 (11.3%)	10 (3.6%)	155 (56.4%)	79 (28.7%)
Posted on your website	215 (83.7%)	7 (2.7%)	28 (10.9%)	7 (2.7%)
Distributed via email	116 (43.4%)	106 (39.7%)	41 (15.4%)	4 (1.5%)
Students access on their own online	109 (40.8%)	90 (33.7%)	54 (20.2%)	14 (5.2%)

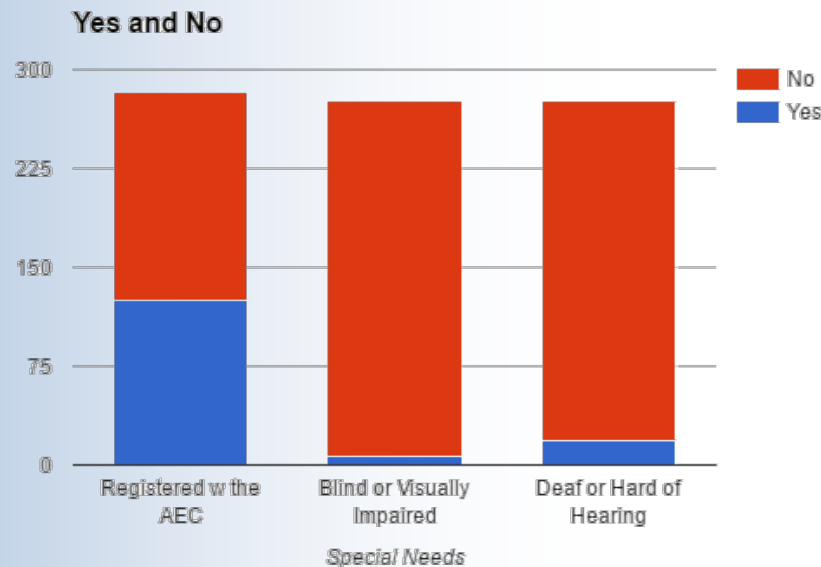
Q8: How did you make instructional materials available to students in this class? (in chart format)

➤ Faculty response rate: $282/2058 = 13.7\%$



Q9: Were any of the students in this class...

- **Registered with the AEC**
Yes = 125 (44.2%); No = 158 (55.8%)
- **Blind or visually impaired**
Yes = 6 (2.2%); No = 270 (97.8%)
- **Deaf or hard of hearing**
Yes = 18 (6.5%); No = 258 (93.5%)



Implications

Potential concern about the accessibility of course materials used:

1. About 68% of faculty report extensive use of paper handouts distributed in class
2. 63.4% of respondents post 5 or more course materials in pdf format, 53.5% in ppt slides and 38.9% in Word
3. Very few respondents report using DVDs (~3%) or audio files (~8%) in contrast to 35% report using 5 or more streamed videos in class
4. 43.7% report using web links in their teaching

Implications (continued)

Potential concern about the accessibility of instructional materials used:

5. 64.2% of faculty use traditional textbooks and 32.5% use digital course reader with 14.3% using hard copy of course reader.
6. 56.4% regularly posted course materials on Canvas, 38.4% occasionally distributed materials in class with 39.7% distributed via email or student access on their own (33.7%)
7. 44.2% of their students registered with AEC – do faculty need any support to provide for these AEC students?

The Next Step

- Share these result during outreach meetings and listen to feedback?
- Post result on CFD website.
- Request a sample copy of course materials used in classroom?
- Ask what type of resources would be most useful to them? 1-on-1, step-by-step self-paced, videos, etc.
- Other comments or suggestions ?

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