Why survey FACULTY about technology?

1. Plan for technology needs

2. Inform educational practice for all

3. Inform professional development plans
Survey details

- Online survey to all full-time and part-time instructors at ECC and Compton Center (spring 2013-active instructors only)
- Response counts:

<table>
<thead>
<tr>
<th>Location</th>
<th>Count</th>
<th>Resp. Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECC</td>
<td>184</td>
<td></td>
</tr>
<tr>
<td>Compton</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td>Both</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>254</td>
<td>25%</td>
</tr>
</tbody>
</table>

95% own a laptop or desktop computer*

Computer Ownership (%)

- Desktop computer or PC
- Laptop or Netbook

Currently own | Don't own but would like to | Don't own and don't want to | Not sure
---|---|---|---
72 | 9 | 12 | 0
82 | 11 | 1 | 2

*Percentage based on combined results

31% are Apple products (MacBook, iBook)
69% own a smartphone, but 80% of students do*

*Percentage based on combined results (all types of smartphone)

41% own a Tablet, but only 28% of students do*

*Percentages based on combined Tablet results (iPad+Other) – Compton rates are 39% and 37%, respectively
Most faculty communicate via email & F2F, similar to students

What are your preferred ways to communicate with students?

*Multiple responses permitted on this question.

We wanted to know...

**HOW DO FACULTY USE TECHNOLOGY FOR INSTRUCTION?**
High use of hardware, but...

**Devices & other technology - MOST Used (%)**

- Computer: 66
- LCD Projector: 58
- Laptop: 58
- USB: 55
- Printer: 45
- Doc camera: 45
- Wi-Fi: 39
- Smartphone: 30
- Tablet: 26

* Multiple responses permitted on this item

...lower use of mobile devices

**Devices & other technology - LEAST Used (%)**

- Scanner: 21
- Dig Camera: 16
- Clickers: 15
- Cellphone: 8
- E-Reader: 8
- Webcam: 7
- mp3 player: 6
- Smartboard: 6
- Lec. Capture: 5

* Multiple responses permitted on this item
More likely to use office software / web content

Technology for Assignments (%)

- Word processor: 69%
- Presentation software: 42%
- ECC Library Site: 31%
- Free online content: 23%
- E-books/e-texts: 21%
- Spreadsheets: 18%
- Graphics software: 10%
- Simulations: 10%
- E-portfolios: 6%
- Video creation: 3%
- Audio creation: 2%

* Multiple responses permitted on this item

Other than YouTube, little use of Web 2.0

Use of Web 2.0 - MOST Used (%)

- Stream videos: 29%
- Watch podcasts: 18%
- Online forums: 16%
- Tweeting: 15%
- Read Wikis: 13%
- Chat participation: 11%
- Read blogs: 11%
- Share articles: 10%
- Podcasts: 9%
- Skyping: 8%

* Multiple responses permitted on this item
little use of Web 2.0
(social media/blogs/sharing)

Use of Web 2.0 - LEAST Used (%)

20% use Class Team Sites

Ways Faculty use Class Team Sites (%)

* Multiple responses permitted on this item
Student Suggestions

1. Put lectures online (lecture capture, notes posted before class)
2. Text or email notifications (canceled class, deadlines, events)
3. Allow students to use their devices in class
4. Post (in-term) grade detail online
5. More resources online as an extension of lectures/textbook

* Smartphone Survey, Q7

Student Suggestions (cont’d)

6. Use video & other tech to convey concepts
7. Post homework & allow online submission of assignments
8. Use PowerPoint for lectures
9. Use Facebook and/or twitter
10. Chat or Skype during office hours or with other students

* Smartphone Survey, Q7
80% think technology adds to engagement

Does technology use in the classroom increase student engagement and interest in the subject matter? (%)

- Yes: 80
- No: 2
- Not sure: 8
- Don't use tech: 10

Panel Participants

- Irene Graff, Research & Planning
- Michelle Priest, Biology, Compton Center
- Ambika Silva, Math, ECC Torrance campus
- Francine Vasilomanolakis, Professional Development
- Rica Young, Distance Education