Classroom Technology & Distance Education
Faculty Organization Committee

Survey Fall 2011

Deploy Date: 11/14/2010   Closed Date: 12/02/2011
Total Responses: 66   Completes: 62   Partials: 4
www.surveymethods.com  Anonymous
1. What is your employment status?

<table>
<thead>
<tr>
<th>Employment Status</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part-time faculty</td>
<td>9</td>
</tr>
<tr>
<td>Full-time faculty</td>
<td>55</td>
</tr>
</tbody>
</table>

2. How many years of teaching experience do you have?

<table>
<thead>
<tr>
<th>Experience Range</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over 30</td>
<td>9</td>
</tr>
<tr>
<td>21-30</td>
<td>15</td>
</tr>
<tr>
<td>11-20</td>
<td>22</td>
</tr>
<tr>
<td>6-10</td>
<td>10</td>
</tr>
<tr>
<td>0-5</td>
<td>10</td>
</tr>
</tbody>
</table>
3. Which of the following devices do you use in your classroom or laboratory teaching?

<table>
<thead>
<tr>
<th>Device</th>
<th>Often (N=63)</th>
<th>Occasionally (N=63)</th>
<th>Never (N=63)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC (personal computer) from lectern</td>
<td>52(81.25%)</td>
<td>9(14.06%)</td>
<td>3(4.69%)</td>
</tr>
<tr>
<td>Macintosh computer from lectern</td>
<td>9(22.5%)</td>
<td>1(2.5%)</td>
<td>30(75%)</td>
</tr>
<tr>
<td>Document camera from lectern</td>
<td>29(46.77%)</td>
<td>24(38.71%)</td>
<td>9(14.52%)</td>
</tr>
<tr>
<td>VHS/DVD player from lectern</td>
<td>9(15.52%)</td>
<td>35(60.34%)</td>
<td>14(24.14%)</td>
</tr>
<tr>
<td>Audio player from lectern</td>
<td>7(13.73%)</td>
<td>21(41.18%)</td>
<td>23(45.1%)</td>
</tr>
<tr>
<td>Transparencies overhead projector</td>
<td>1(1.92%)</td>
<td>8(15.38%)</td>
<td>43(82.69%)</td>
</tr>
</tbody>
</table>

4. Are there emerging technologies with classroom applications which you would like to use?

- Clickers (6 similar responses)
- Smartboard (6)
- iPad (3)
- Capture document camera (2)
- Blackboard, electronic books on screen, net tutor support, podcasts, Skype, video conferencing, mobile computing charts, huddle boards (1 each)
5. What external devices do you bring to the classroom or laboratory?

Other:
• DVDs (5 similar responses)
• CDs (3)
• presentation remote, calculator, laser pointer, microphone, iPod, microphone, students bring laptops and iPads (1 each)
6. How confident are you that problems with classroom technology will not prevent you from having a good class next time you use it?
7. In the last 12 months, have you had technical problems with any of the following?

<table>
<thead>
<tr>
<th>Problem</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room lights dimming</td>
<td>12</td>
</tr>
<tr>
<td>VHS/DVD from lectern</td>
<td>6</td>
</tr>
<tr>
<td>Document camera</td>
<td>3</td>
</tr>
<tr>
<td>Mac from lectern</td>
<td>1</td>
</tr>
<tr>
<td>PC from lectern</td>
<td>19</td>
</tr>
<tr>
<td>Speakers</td>
<td>7</td>
</tr>
<tr>
<td>Screen</td>
<td>3</td>
</tr>
<tr>
<td>Projector</td>
<td>12</td>
</tr>
</tbody>
</table>

8. Please describe the technical problems that you have had

- Computer would not properly connect or log in. This creates a HUGE problem when orienting students to class expectations. (10 similar responses)
- The lighting configuration does not lend itself to proper lighting for projection. The alignment of lights is in the wrong series...needs rewiring (7)
- PC and DVD audio (3)
- The clarity of the doc cams (3)
- Projector and screen problems (3)
- DVD froze or couldn’t start (2)
- Slow computer, PC power off, switching from computer to document cam, program updates, mouse, loose cable (1 each)
9. Approximately in how many of your lectures do you use classroom technology?

- I do not use them: 0
- Occasionally: 4 (6.45%)
- Half of my lectures: 4 (6.45%)
- Most of my lectures: 9 (14.52%)
- Almost all of my lectures: 45 (72.58%)
10. Which of the items below have negatively affected your use of classroom technology?

- Classroom set-up (e.g., position of chalkboard relative to screen)
- Reliability of equipment
- Access to classrooms with technology
- Available software installed in classroom
- Audio in the classroom
- Availability of training
- Integration of external equipment into the set-up (e.g., laptop)
- Availability of technical support
- Other

Other:
- Room with enough terminals to administer a computer test to 40 students (1)
- Computer not loading quickly (1)
- Down-state servers going off-line and preventing access to locally installed statistical programs on computers (1)
11. Which of the items below have positively affected your use of classroom technology?

Other:
• Help button on instructor lectern is great when having problems! Saves me time in having to go to HH108 during my lecture. (1)
• I find the stations well maintained, free of chalk and clean all the time. IMS does a good job of maintaining cleanliness. (1)
12. Classroom Capture is an automated lecture recording technology available at IU. Would you consider using Classroom Capture Technology at IU Northwest?

![Bar chart showing responses to the question about using Classroom Capture Technology at IU Northwest.]

13. Please make any suggestions that would enhance your use of the technology in the classroom (e.g., new equipment, software, proposals for tech classroom policy etc.).

Responses:
- With rooms like RH211, RH212, RH202 the chalkboards need to be redesigned so that instructors can write on the chalkboard while the screens are being projected at the same time. (2)
- Computers too slow (1)
- Smartboards would allow instructors to use the projection screen without sacrificing the ability to write on the board during class (1)
- Temporary password for faculty to install their personal software for teaching (1)
- Better keyboards with longer cables or, better, wireless (1)
- More computer labs, more room in classroom, comfortable stool, comfortable chairs for students, seminars on emerging technology (1 each)
REFLECTIONS

FALL2011:
Approximately in how many of your lectures do you use classroom technology?

- I do not use them: 0%
- Occasionally: 6.45%
- Half of my lectures: 6.45%
- Most of my lectures: 14.52%
- Almost all of my lectures: 72.58%

FALL2007:
Approximately in how many of your lectures do you use classroom technology?

- I do not use them: 9.4%
- Occasionally: 12.8%
- Half of my lectures: 8.6%
- Most of my lectures: 9.4%
- Almost all of my lectures: 59.8%
REFLECTIONS

FALL2011:
How confident are you that problems with classroom technology will not prevent you from having a good class next time you use it?

FALL2007: Approximately what percentage of your lectures does the equipment work as required? (For example everything works every lecture (100%), one in two lectures (50%) etc.)
FALL2011: Which of the items below have negatively affected your use of classroom tech?

- No problems: 32.1%
- Classroom set-up (e.g., position of chalkboard relative to...) 19.6%
- Reliability of equipment: 14.3%
- Access to classrooms with technology: 12.5%
- Available software installed in classroom: 8.9%
- Audio in the classroom: 7.1%
- Availability of training: 5.4%
- Integration of external equipment into the set-up (e.g., laptop): 5.4%
- Availability of technical support: 5%

FALL2007: Which of the items below have negatively affected your use of classroom tech?

- No problems: 10.6%
- Classroom set-up (e.g., position of chalkboard relative to...): 39.8%
- Reliability of equipment: 39.8%
- Access to classrooms with technology: 51.3%
- Available software installed in classroom: 15%
- Audio in the classroom: 25.7%
- Availability of training: 10.6%
- Integration of external equipment into the set-up (e.g., laptop): 17.7%
- Availability of technical support: 29.2%
REFLECTIONS

**FALL2011:** Which of the items below have positively affected your use of classroom tech?

- Everything works well: 61.7%
- Access to classrooms with technology: 50%
- Reliability of equipment: 50%
- Availability of technical support: 38.3%
- Equipment set-up: 36.7%
- Available software installed in classroom: 33.3%
- Audio in the classroom: 21.7%
- Availability of training: 20%
- Integration of external equipment into set-up (e.g., laptop): 10%
- Laminated desktop technology instructions: 5%

**FALL2007:** Which of the items below have positively affected your use of classroom tech?

- Everything works well: 28.3%
- Access to classrooms with technology: 18.2%
- Reliability of equipment: 32.3%
- Availability of technical support: 44.4%
- Equipment set-up: 37.4%
- Available software installed in classroom: 25.3%
- Audio in the classroom: 12.1%
- Availability of training: 18.2%
- Integration of external equipment into set-up (e.g., laptop): 9.1%
- Laminated desktop technology instructions: 20.2%
Committee Observations:

1. Study shows that CT (Classroom Technology) steadily improved over the last 4 years.

2. The CT&DE committee would like to thank E. Van Gordon, P. Sharpe and W. Radell for many years of coming to our meetings, reporting to us the CT improvement plans, and listening to our suggestions.

3. Faculty are satisfied with CT and maybe that’s why some didn’t do survey.

4. No significant difference in CT experience between older and younger faculty or between fulltime and part-time faculty was found.

5. 100% of faculty is using CT at least occasionally.

6. While many expressed wish to try clickers, they are not used often since they are found to be helpful mainly for large classes.
Committee Recommendations:

1. Proper lighting, that allows reading from screen and taking notes at the same time is definitively the most urgent improvement to do.

2. Screens in some rooms cover completely the chalkboard/whiteboard, not allowing the instructor to add interactive work on a side while showing a graph/image on the screen. A possible solution is adding portable boards to such rooms.

3. It is very important to improve computer log-in time. It is disturbing lecture flow and taking class time.

4. We need to respect the preferences by discipline. Chalkboard is preferred for some, Power Point for some others, while some discipline require good speakers. A study might be needed to let us figure out what rooms are better for a specific discipline.

5. It was noted that faculty would like to try Classroom Capture. The CT&DE committee recommends a brief demonstration during the technology portion of a Faculty Organization meeting about the functions of the document camera from lectern that are letting us automatically capture the image of a handwritten paper under the camera and save it for later use.
IU Northwest Faculty Organization CT & DE Committee Fall 2011

D. Larson – Chair          S. Pudar-Hozo          D. Coffin
O. Abiona                      M. LaPointe          R. Jones
L. Wozniewski