Division of Planning and Information Resources

The Annual ECAR Student and IT Study

November 12

Jordan Knicely
Basic Demographics

- 619 students:
  - 63.5% Female, 46.5% Male
  - 26% First-years, 29.5% sophomores, 23% juniors, and 18% seniors
  - 67% on-campus students, 33% off-campus
Key Findings

• 95% own laptops, up from 89% in 2010.
• 84% reported having a smartphone.
• 54% believed that most or all of their professors use information technology effectively.
• 63% would like more lecture capture.
• 53% would like profs. to use the LMS more.
• 61% would prefer courses with online components.
Students usage of devices

- **Laptop**: 586
- **Tablet/iPad**: 198
- **Smartphone**: 421
- **Desktop**: 272

Legend:
- Green: Other Only
- Red: Academic & Other
- Blue: Academic Only
Instructor technology usage

Students reporting most or all of their professors:

- Effectively Use Tech
- Provide Adequate Training
- Have Adequate Skills
- Use Right Kind of Tech

Percent of students

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Which technologies do you wish your Instructors would use…?

<table>
<thead>
<tr>
<th>Technology</th>
<th>More</th>
<th>Neutral</th>
<th>Less</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture capture</td>
<td>62.70%</td>
<td>15.80%</td>
<td>8.20%</td>
</tr>
<tr>
<td>CMS/LMS</td>
<td>53.20%</td>
<td>16.50%</td>
<td>11.20%</td>
</tr>
<tr>
<td>Online collaboration tools</td>
<td>45.60%</td>
<td>20.40%</td>
<td>12.10%</td>
</tr>
<tr>
<td>Simulations or educational games</td>
<td>33.10%</td>
<td>19.50%</td>
<td>17.70%</td>
</tr>
<tr>
<td>Open educational resources</td>
<td>31.20%</td>
<td>17.50%</td>
<td>14.40%</td>
</tr>
<tr>
<td>E-books or e-textbooks</td>
<td>25.60%</td>
<td>15.50%</td>
<td>24.00%</td>
</tr>
<tr>
<td>E-portfolios</td>
<td>10.40%</td>
<td>11.60%</td>
<td>18.90%</td>
</tr>
</tbody>
</table>
Student tech in the class

Laptops during class?

Tablets during class?

Smartphones during class?

Smartphone uses

<table>
<thead>
<tr>
<th>Effective use</th>
<th>Percent Selecting</th>
</tr>
</thead>
<tbody>
<tr>
<td>To look up information</td>
<td>55.5%</td>
</tr>
<tr>
<td>To photograph information</td>
<td>48.9%</td>
</tr>
<tr>
<td>To record my instructors</td>
<td>39.1%</td>
</tr>
<tr>
<td>To access digital resources</td>
<td>36.0%</td>
</tr>
<tr>
<td>N/A -- not effective</td>
<td>23.5%</td>
</tr>
<tr>
<td>To participate in activities</td>
<td>23.3%</td>
</tr>
<tr>
<td>Other</td>
<td>2.3%</td>
</tr>
</tbody>
</table>
Mobile device support

Service not offered for mobile device
- Haven't used service in the past year
- Poor
- Fair
- Neutral
- Good
- Excellent

Percentage responding

Library resources
- Excellent
- Good
- Neutral
- Fair
- Poor
- Haven't used service in the past year

Checking grades
- Excellent
- Good
- Neutral
- Fair
- Poor
- Haven't used service in the past year

Using the LMS
- Excellent
- Good
- Neutral
- Fair
- Poor
- Haven't used service in the past year

Event/club info
- Excellent
- Good
- Neutral
- Fair
- Poor
- Haven't used service in the past year
Technology & Connection

Connected to institution
More likely to get involved on campus

Connected to Students
Connected to professors

Don't know
Strongly disagree
Somewhat disagree
Neither
Agree
Strongly agree

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National study information

• Webinar: Tuesday, November 12, 1:00-2:00, AMH 108
