Technology & the UA
Student Experience

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ECAR Study of Students & Technology
Spring 2014

- Undergraduate Students
  - Sample: 6,300
  - N=555
  - 10.3% response rate
  - Year 3 – Trend line

- Graduate & Professional Students
  - Sample: 2,475
  - N=775
  - 9.4% response rate
  - Year 2
Areas of Study

Device Usage

Technology & the College Experience

Learning Environments
Device Usage

Importance of Device Usage on Students' Academic Success

<table>
<thead>
<tr>
<th>Device</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laptop</td>
<td>95%</td>
<td>94%</td>
</tr>
<tr>
<td>Tablet</td>
<td>37%</td>
<td>20%</td>
</tr>
<tr>
<td>Smartphone</td>
<td>36%</td>
<td>29%</td>
</tr>
<tr>
<td>E-reader</td>
<td>15%</td>
<td>3%</td>
</tr>
</tbody>
</table>
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• 63% of undergraduate and 51% of graduate students report that most or all faculty effectively use technology to impact their academic success

• 58% of students are satisfied with the learning management system, while 10% of students are dissatisfied

• 59% of undergraduate and 53% of graduate students have a favorable opinion of the university using data collected about students to create individualized messages about academic progress, training, and guidance opportunities
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Top 3 resources students want more of:

1. Lecture capture (for later use/review)
2. Freely available content beyond your campus
3. Course or learning management system

Top 3 resources students want less of:

1. Social media as a teaching and learning tool
2. Your smartphone as a learning tool in class
3. Your tablet as a learning tool in class
Learning Environments

Most Effective Learning Environment

- **No Online Components**
  - Undergraduate: 14.6%
  - Graduate: 19.5%
- **Some Online Components**
  - Undergraduate: 70.9%
  - Graduate: 61.7%
- **Completely Online**
  - Undergraduate: 4.8%
  - Graduate: 4.6%
- **No Preference**
  - Undergraduate: 9.7%
  - Graduate: 14.2%
Learning Environments

- Students report that technology helps them feel more connected to other students (49%), instructors (47%), and the institution (55%).

- 52% of undergraduates wish they had been better prepared to use institutionally specific technology, such as the course registration, learning management, and library search systems, compared to 28% of graduate students.
Implication of Findings

• **Learning Management Systems** – How well do you use most features of a LMS? Do you think of LMS as a tool for engaging students? Since it was found to be one of the top three resources students wanted more of, how might you think of LMS differently?

• **Online learning environments** – 71% (undergrads) and 62% (grads) reported they want some online components in their learning environments. What are some best practices for integrating online components in your courses/discipline?
Practices of Best Practices

- Parallel efforts to understand graduate/professional students and faculty
- Connect to the CIO’s strategic plan – Student Learning and Success
- Communication plan - Transparency & knowledge sharing
  - Reports available online
  - Back Pocket Data
  - Dean’s Council
  - Itemized and summary reports for all surveyed populations
Questions?

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