Undergraduate Technology Trends, 2012-2014

The 2014 ECAR Student Technology Survey marked the third consecutive year UA has surveyed undergraduate students regarding their technology experiences and expectations. The 2012-2014 Student Technology Surveys were administered by Educause to a random sample of UA undergraduate students. The 2012 survey achieved a response rate of 9% (N=615), while the 2013 and 2014 surveys achieved response rates of 10.3% (N=648) and 8.8% (N=555), respectively. Three years of results (2012-2014) offer an extended view of student technology needs and preferences.

Learning Technology Usage and Importance

Device Usage:
Laptops remain the most used technological device for personal and academic needs

Tablet usage increased from 12% to 49%

Smartphone usage increased from 45% to 72%

9 out 10 students indicated laptops as the most important device for their academic success for all three survey years

More than half of students reported checking grades as the top-rated (good/excellent) UA resource via a handheld device consistently through all survey years (2012=56%, 2013=64%, 2014=55%)

Using course or learning management systems and registering for courses have been identified as lowest rated (poor/fair) UA provisions of access via a handheld device across all survey years
Teaching and Learning Technology Resources in the Classroom

6 out of 10 students across all survey years agree that most or all of their instructors use technology effectively and have adequate technology skills.

Change in percentage of students who prefer to keep their academic and social lives separate in regards to social media:

- 2012: 22%
- 2013: 18%
- 2014: 15%

Nearly half of students across all survey years indicated they are more actively involved in courses that use technology (2012=49%, 2013=49%, 2014=43%).

Online Learning

Across all survey years, students indicate they learn most in courses with some online components.

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>No online components</td>
<td>32%</td>
<td>18%</td>
<td>15%</td>
</tr>
<tr>
<td>Some online components</td>
<td>74%</td>
<td>71%</td>
<td>71%</td>
</tr>
<tr>
<td>Completely online</td>
<td>4%</td>
<td>5%</td>
<td>5%</td>
</tr>
</tbody>
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Change in percentage of students who report taking at least one completely online course at UA:

- 2012: 32%
- 2013: 61%