

2014

STUDY OF STUDENTS & IT



75,306 student respondents
609 UCT respondents

from 213 campuses



in 45 U.S. STATES

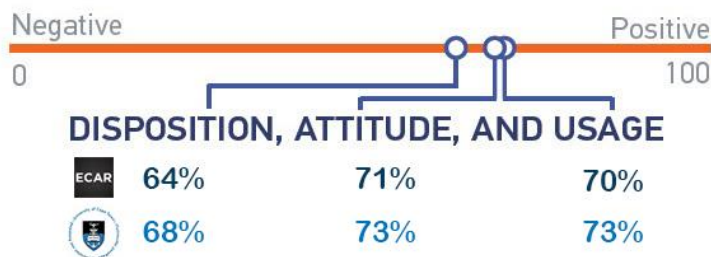


and 15 COUNTRIES

EXPERIENCES

Technology is embedded into students' lives, and students are generally inclined to use technology.

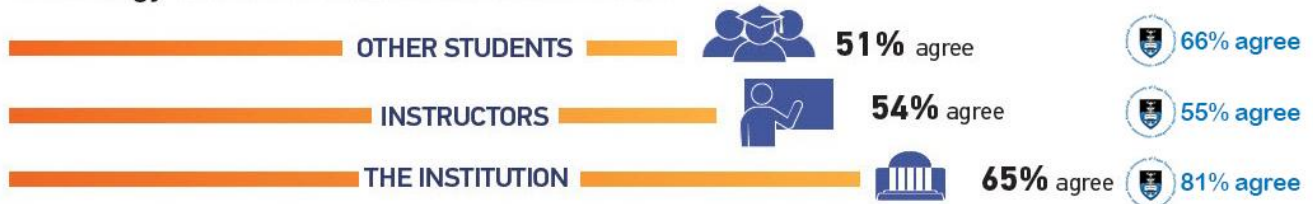
Students rate themselves positively on tech inclination scales...



...and 2 in 3 feel prepared to use technology needed in their courses

7 in 10

Technology makes me feel more connected to...



ANALYTICS

9 in 10

students are at least moderately interested in learning analytics capabilities, such as

ALERTS if it appears their progress in a course is declining



GUIDANCE about courses they might consider taking in the future

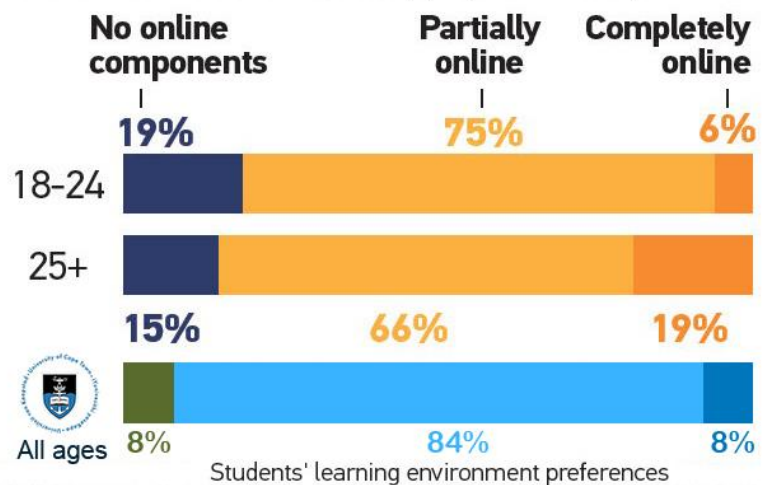


SUGGESTIONS for how to improve performance in a course



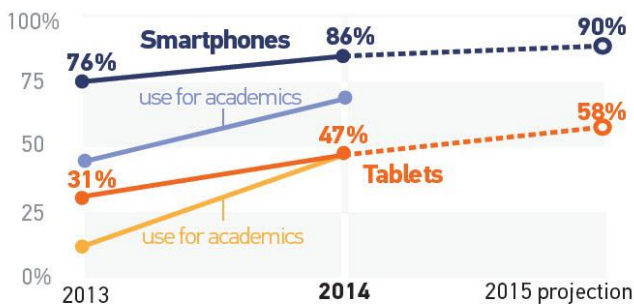
LEARNING ENVIRONMENTS

More students than ever have experienced a digital learning environment. The majority say they learn best with a blend of online and face-to-face work (up 6% since 2013)."



DEVICES

Mobile device ownership continues to grow...



...and use for academics also continues to grow

54% of students

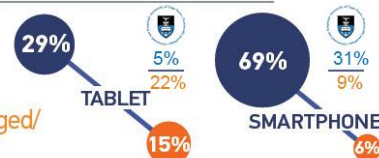
typically connect to the network with at least two devices at a time.



UCT DEVICE OWNERSHIP



Students say their mobile devices are more often discouraged than encouraged in the classroom



LEARNING MANAGEMENT SYSTEMS

STUDENTS WANT AN ENGAGING, PERSONALIZED, AND MOBILE LMS

83%

of students used the LMS in at least one course, and 51% say they could be more effective students if they were better at using the LMS.



ENGAGING

MOBILE FRIENDLY

Mobile access to the LMS is important to 78% of students

and extremely important to 33%

5 things

students would change about their LMS

- 1 Better features for **interaction and communication**
- 2 More **user-friendly** interfaces
- 3 More (or better) **instructor participation**
- 4 **Ease of access** to other resources
- 5 **Better functionality**

PERSONALIZED

93% of students

are at least moderately interested in the LMS providing personalized support and information about progress toward their degree goals

CERTIFICATIONS

The undergraduate degree is still the gold standard certification for contemporary college students.

On their resumes,

90% would include their diploma

53% would include a college certificate

18% would include an e-portfolio

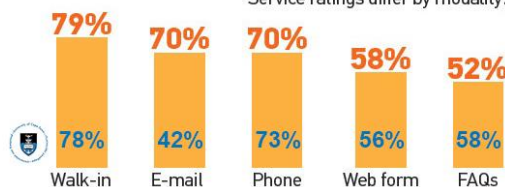
21% would include a digital badge

IT SUPPORT FOR STUDENTS



When they need tech support, most students look online or to friends and family first, but **1 in 5 use the college or university help desk.**

3 in 4 students who use the help desk rate the overall service as **good or excellent**. Service ratings differ by modality:



EDUCAUSE CENTER FOR ANALYSIS AND RESEARCH

EDUCAUSE

The data in this infographic come from the ECAR report *ECAR Study of Undergraduate Students and Information Technology, 2014*. UCT's responses have been added for comparative purposes.

To view the full report, go to: <http://www.educause.edu/library/resources/2014-student-and-faculty-technology-research-surveys>
For more UCT stats, visit: <http://www.icts.uct.ac.za> | About ICTS | Publications and Reports | Student Surveys

ONE thing your instructors can do with technology to better facilitate / support your academic success.

Learn to use technology

Expand online resources

Keep content updated

LECTURE RECORDING

NOTHING

ONLINE REMINDERS
USE BETTER TECHNOLOGY

Improve teaching style

IMPROVE INTERACTIVITY

Use more visuals Use more technology IMPROVE LECTURE AND TEST PREPARATION

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Full list of responses			
Category	Number of instances	Category	Number of instances
Lecture recording	71	Nothing (happy with lecturers)	7
Expand online resources (course material / resources)	70	Use better technology	7
Improve interactivity	31	Online reminders (of tests, assignments, etc)	6
Improve lecture and test preparation	22	Provide material via e-books	4
Use more visuals	19	Use online games	4
Use more technology	18	Live streaming lectures / courses	3
Learn to use technology (improve their own technological ability)	9	N/A	3
Improve teaching style	8	Improve access to technology	2
Keep content updated	7	Use simulations	1

**Items with more than 5 instances are represented on the word cloud above.*

ONE thing your institution can do with technology to better facilitate / support your academic success.

Improve online resources

Increase or enhance lab facilities

Online course registration

ENCOURAGE LECTURERS TO USE TECHNOLOGY

IMPROVE ACCESS TO TECHNOLOGY

PROMOTE LECTURE RECORDING

More academic materials online

Nothing

Better wireless

PROVIDE EBOOKS AND EJOURNALS

TRACK ACADEMIC PROGRESS

Improve communication with students

Teach us to use technology

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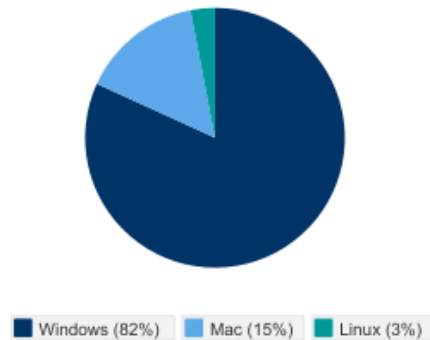
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Full list of responses			
Category	Number of instances	Category	Number of instances
Promote lecture recording	38	Provide a collaborative online study tool	5
Improve online resources (Vula, UCT Mobile, etc)	30	Use technology to manage students	5
Better wireless	30	Higher Internet quota	4
More academic materials online	16	Improve printing	4
Track (and compare) academic progress	16	Provide plug points (for charging devices)	4
Improve communication with students	14	Unify online resources	4
Teach us how to use technology	14	Live streaming lectures / courses	3
Improve access to technology (i.e. free / subsidised)	13	Teach lecturers to use technology	2
Online course registration	8	Use better technology	2
Provide e-books and e-journals	8	Ask cellular network providers to improve signal on campus	1
Encourage lecturers to use technology	7		
Increase / enhance lab facilities	7	Keep academic results private	1
Nothing (happy with UCT)	7	Limit access to social media	1
Improve classroom support	5	Promote online submission of coursework	1

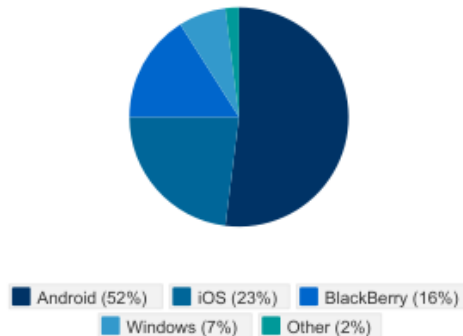
**Items with more than 5 instances are represented in the word cloud above.*

Devices used by students at UCT

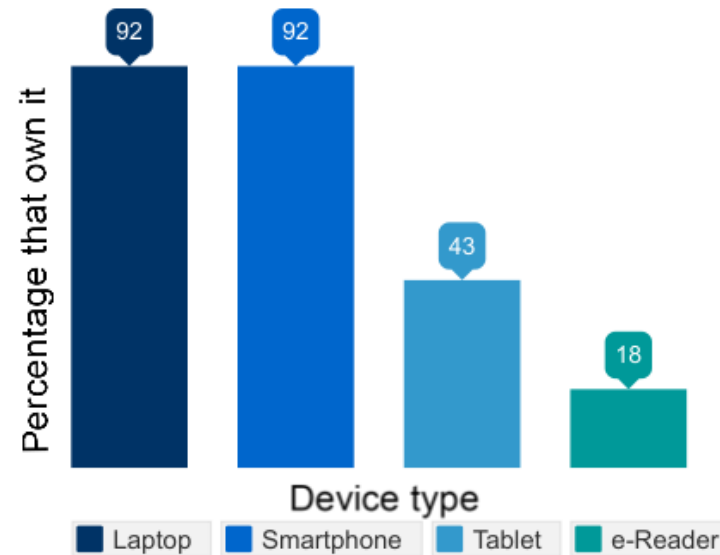
Laptop operating systems



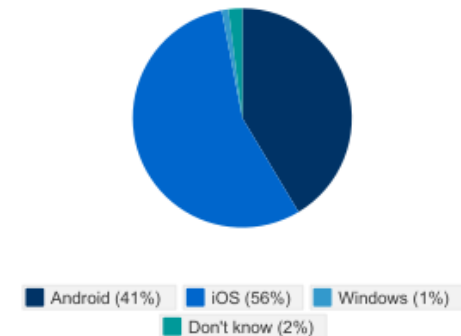
Smartphone operating systems



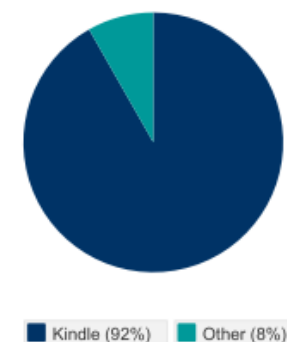
Device ownership



Tablet operating systems



e-Reader operating systems



The data in this infographic comes from the ECAR Study of Undergraduate Students and Information Technology, 2014.

For further statistics and report from the study, please visit:

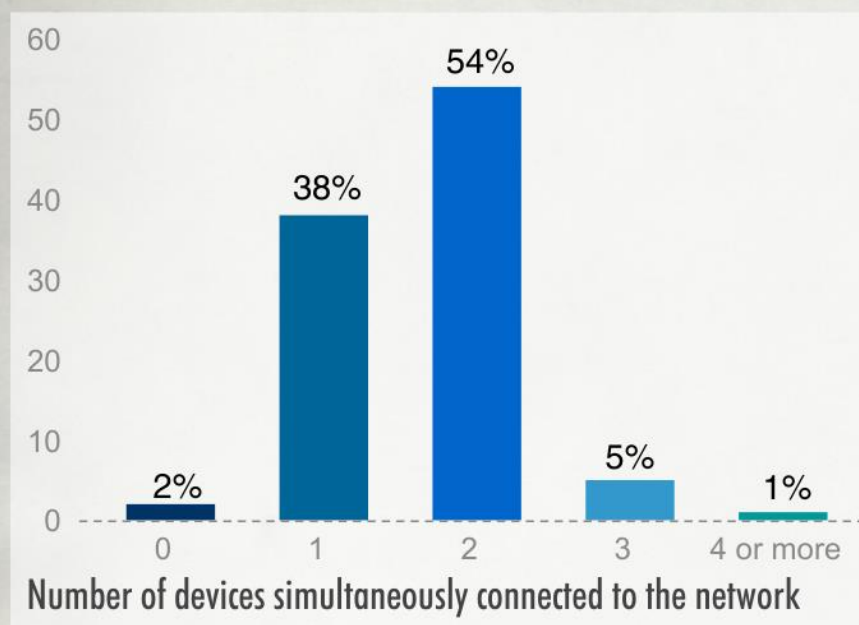
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The UCT wireless experience

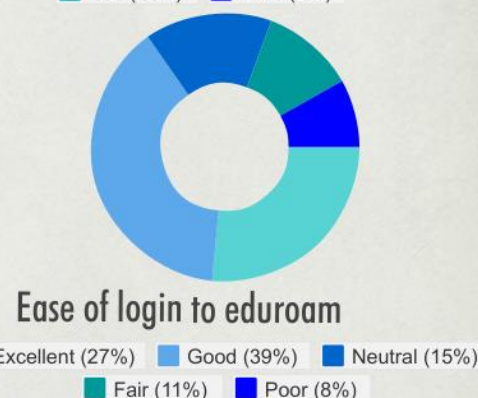
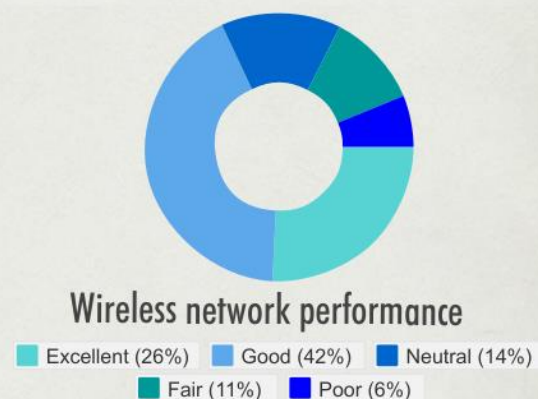
as told by undergraduate students

November 2014

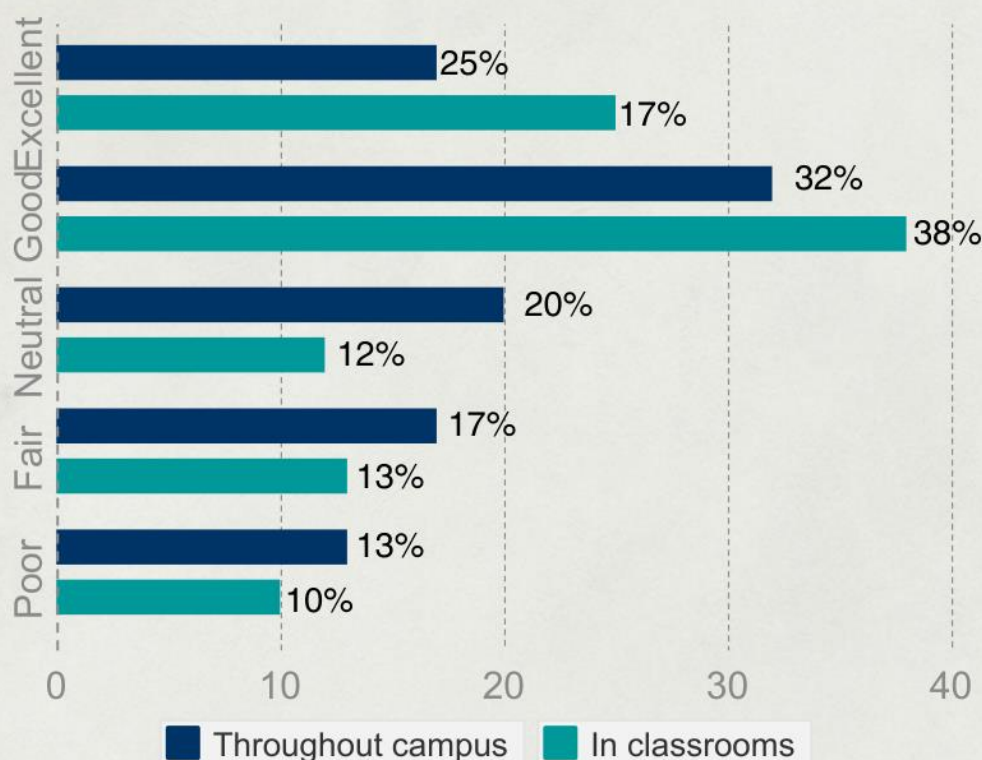
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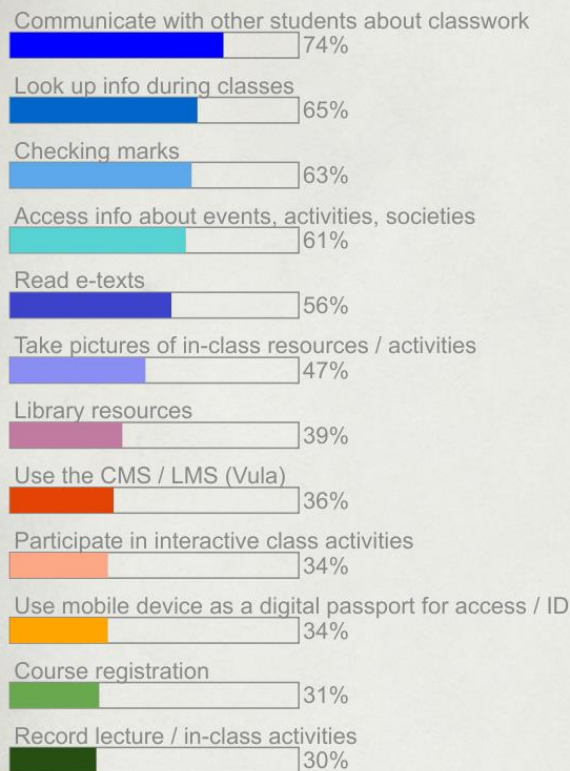
As more devices connect to a wireless hotspot, Internet access becomes slower.



How reliable is wireless access...?

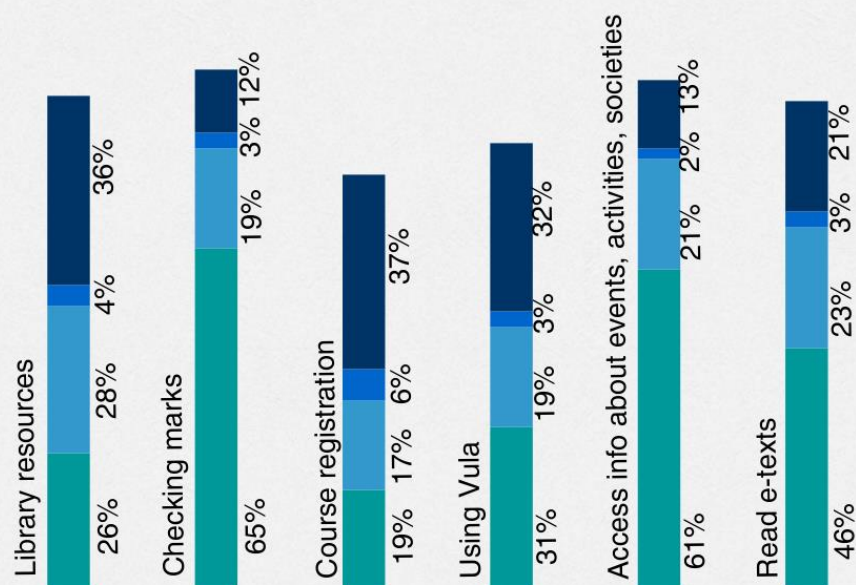


Using UCT services on smartphones and tablets



Which activities **MUST** be accessible from a smartphone or tablet?

How do you rate UCT's support of these activities on smartphones and tablets?



Good Fair Poor Haven't used

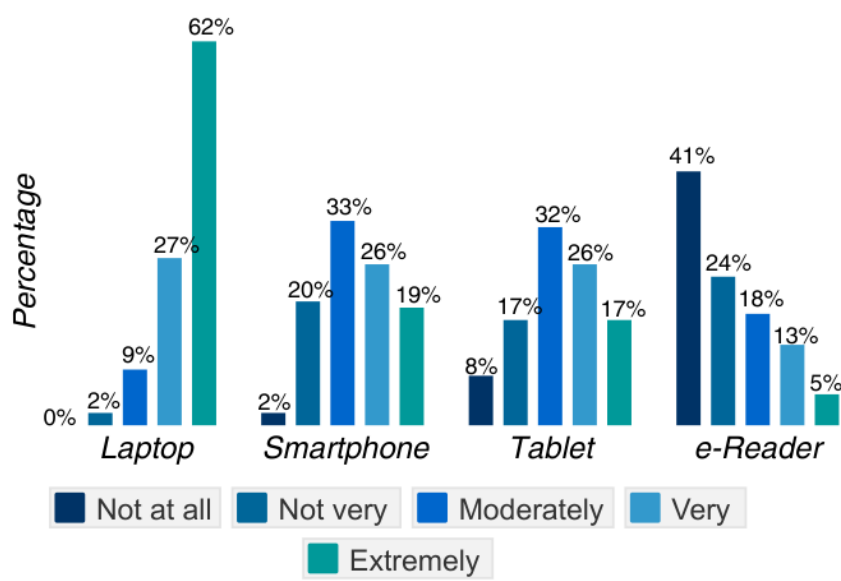
Data source

The data in this infographic comes from the ECAR Study of Undergraduate Students and Information Technology, 2014.

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Technology in the classroom

How important is each device to your academic success?



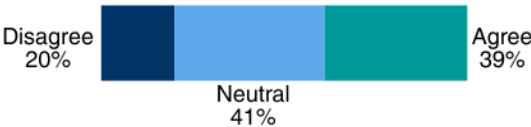
Technology use (for academic purposes)

Use in the past year

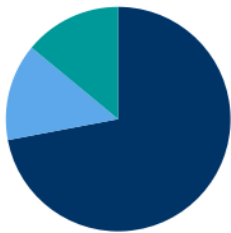


Didn't use / light use (64%)
Used in half my courses (7%)
Used in most / all my courses (29%)

I could be a more effective student if I were more skilled in using this

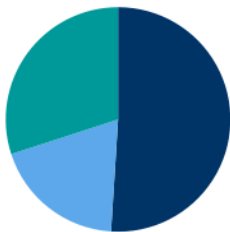
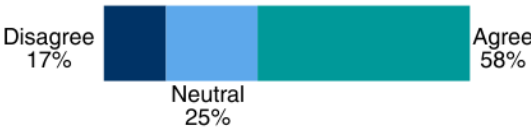


Vula



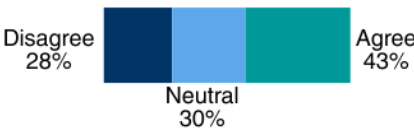
Didn't use / light use (72%)
Used in half my courses (14%)
Used in most / all my courses (14%)

Lecture recording



Didn't use / light use (51%)
Used in half my courses (19%)
Used in most / all my courses (30%)

Smartphone



How students rate themselves

Lecturers and technology



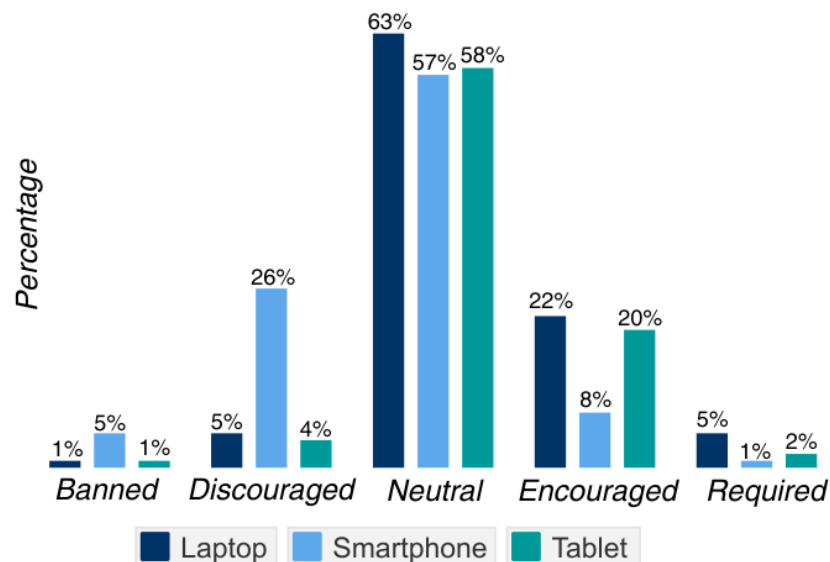
72% of respondents say most or all their lecturers use technology effectively to support their academic success



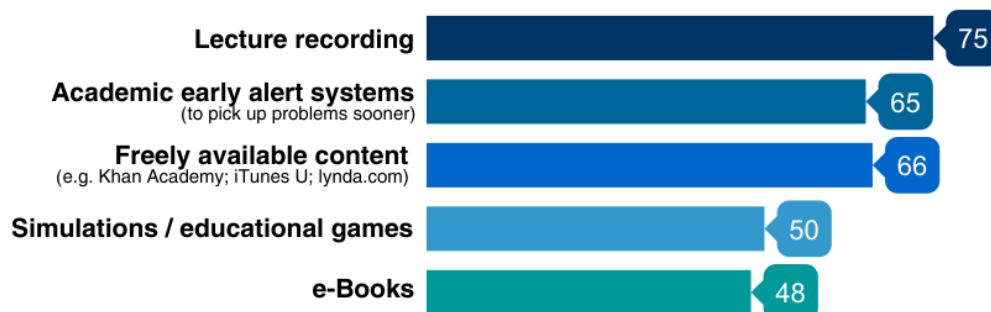
79% of respondents say most or all their lecturers have adequate technological skills for carrying out course instruction

How students rate lecturers

How do your lecturers feel about you using these devices during class?



Top 5 technologies students want lecturers to use more often during class



Data source

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