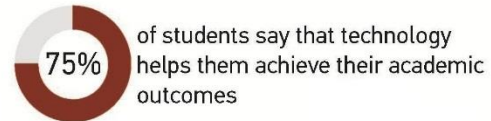
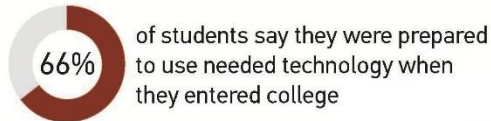


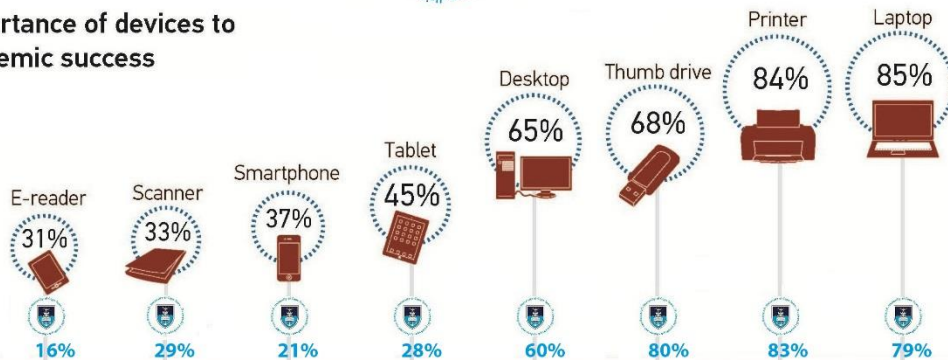
# 2012 STUDENTS AND TECHNOLOGY



## TECHNOLOGY CRITICAL TO SUCCESS

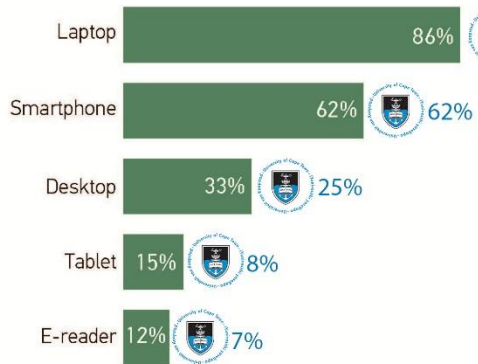


### Importance of devices to academic success

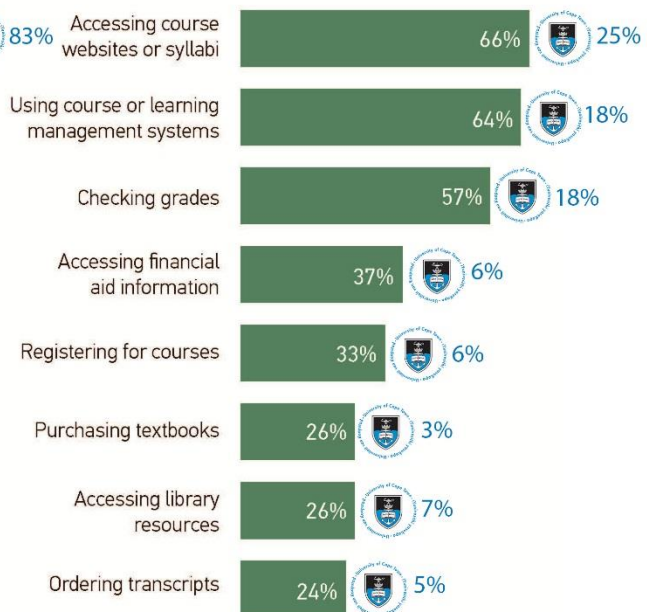


## MOVING BEYOND PLATFORMS AND DEVICES

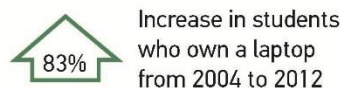
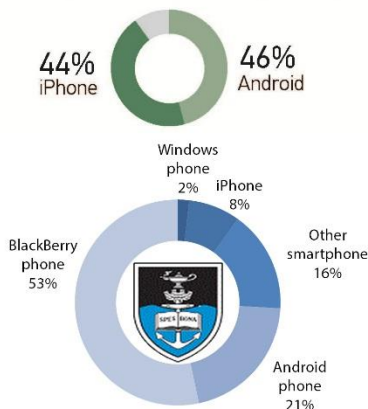
### Student device ownership



### Important to do from a mobile device



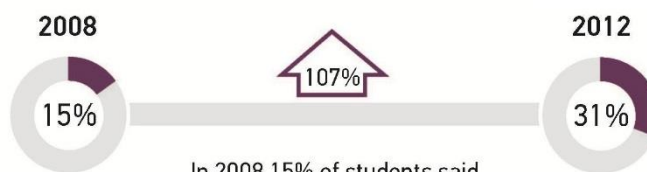
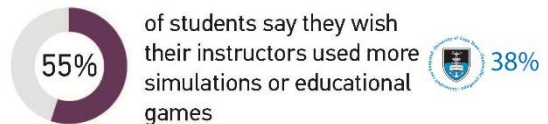
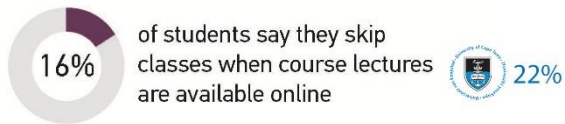
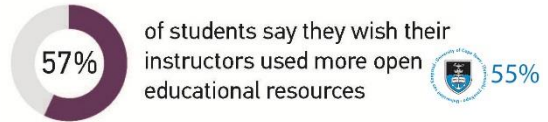
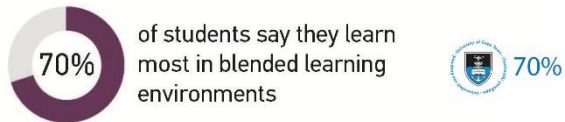
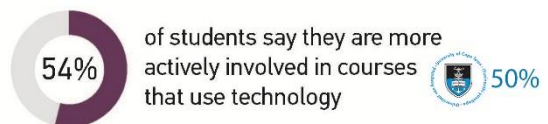
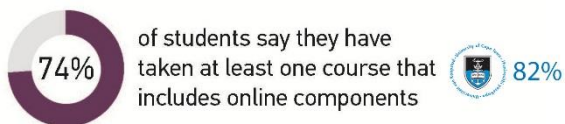
### Percentage of students using smartphones



\* No comparable UCT data available. This is the first year UCT has participated in the study.



# LEARNING ENVIRONMENTS AND ENGAGING STUDENTS WITH TECHNOLOGY



In 2008 15% of students said they took a class completely online; in 2012 31% did.

\* No comparable UCT data available. This is the first year UCT has participated in the study.



## MODES OF COMMUNICATION

Students finding it important to have an online forum to communicate with other students

Overall 3/5



4/5

Students comfortable connecting on social networks with past professors

Overall 2/5

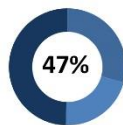


1/4

Students preferring to keep academic and social lives separate

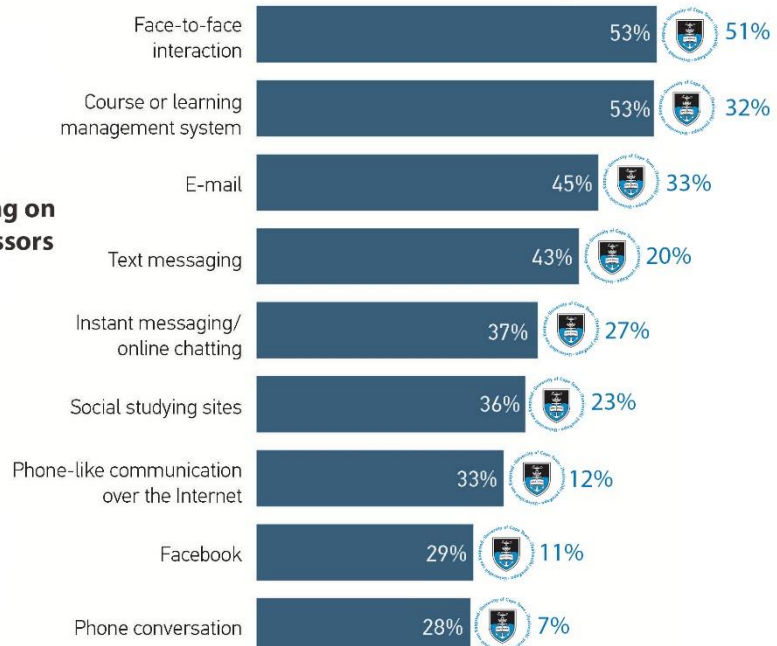


Overall



UCT

Students wished their instructors communicated more using:



EDUCAUSE CENTER FOR APPLIED RESEARCH

The data in this infographic comes from the ECAR report, *ECAR Study of Undergraduate Students and Information Technology, 2012*. UCT's responses have been added for comparative purposes. Visit [edUCAUSE.edu/ecar-student-2012](http://edUCAUSE.edu/ecar-student-2012) to view the full report.

EDUCAUSE

When it comes to your success as an undergraduate, what is the one website or online resource you couldn't live without?



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Website	Number of instances	Website	Number of instances	Website	Number of instances
Vula	188	Cramster.com	2	Heinonline.org	1
Google	104	Google books	2	IEEE	1
Wikipedia	65	Pubmed	2	Investopedia.com	1
Google scholar	47	Sparknotes.com	2	IOL.co.za	1
UCT Libraries	28	4shared.com	1	iTunes	1
JSTOR	17	Amazon.com	1	Lexis nexis	1
Youtube	12	Answers.com	1	Mayoclinic.com	1
Khan Academy	8	Architecture sites	1	Medscape	1
UCT website	8	Blackboard	1	Muse	1
WolframAlpha	7	Blogspport .org	1	Oracle	1
EBSCOhost	5	Britannica.com	1	Patrickjmt.com	1
MIT					
OpenCourseWare	5	Dictionary.com	1	Physicstoday.org	1
MyUCT	5	EZproxy	1	Protein Data Bank	1
Gmail	3	Facebook	1	Purdue Online Writing Lab	1
Uptodate.com	3	Fin24.com	1	Stackoverflow.com	1

What can *your lecturers* do with technology to better facilitate / support your academic success?



A word cloud of educational technology benefits. The largest text is 'Expand online resources'. Other prominent text includes 'More multimedia', 'Better communication', and 'Improve own technology skills'. Smaller text includes 'Record lectures', 'QA or tuts online', 'Update content frequently', 'Teach technology use', 'Online practice tests', and 'Past papers online'.

Update content frequently

QA or tuts online

**Better communication**

Record lectures

Online practice tests

Past papers online

**More multimedia**

**Expand online resources**

Teach technology use

Improve own technology skills

## What can *your lecturers* do with technology to better facilitate / support your academic success?

Category	Number of instances	Category	Number of instances
Expand online resources	139	Allow wikis to be used on some assignments	1
More multimedia (for teaching)	100	Balance online and offline resources	1
Record lectures	85	Balance the course's work distribution better	1
Better communication (with students)	38	Be more creative	1
Improve own technology skills	32	Elaborate what they're typing out	1
Update (online) content more frequently	30	Explain context behind course content	1
Q&A/tuts online	21	Give more guidance when using new technologies	1
Online practice tests	18	Hold live demonstrations	1
Past papers online	11	Improve access to academic resources	1
Teach technology use (i.e. programs relevant to course)	11	Improve technological devices	1
Increase interactivity (during lectures)	9	Improve presentation skills	1
Use accessible (file) formats (for online course material)	9	Integrate course content with everyday technology	1
Use less technology	5	Make courses easier	1
Use latest technology (relevant to course)	5	Reduce reliance on printed textbooks	1
Make courses more practical	3	Share opinions on matters outside the syllabus	1
Online lectures	3	Switch to open (creative commons license) textbooks	1
Print notes	2	Translate texts into my home language	1

What can *UCT* do with technology to better facilitate/support your academic success?

Higher Internet quota  
Improve classroom facilities  
**ENHANCE LAB FACILITIES AND TIMES**  
Electronic textbooks  
**IMPROVE ONLINE SERVICES**  
BETTER WIRELESS Improve communication  
Improve online registration  
**IMPROVE MOBILE SITES**  
GREATER INTERNET RELIABILITY AND ACCESS

## What can UCT do with technology to better facilitate/support your academic success?

Category	Number of instances	Category	Number of instances
Enhance lab facilities and times	79	Set standards for use of technology	2
Improve online services (academic & admin)	64	Assist previously-disadvantaged students with the latest technology	1
Improve classroom facilities (e.g. Smartboards, lecture-recording technology)	31	Buddy system for training	1
Improve mobile sites (Vula, etc.)	21	Develop an all-in-one student assistant tablet	1
Improve communication (with students)	20	Download expensive resources which I cannot afford	1
Better wireless	20	Ease of access on campus	1
Improve online registration	17	Ensure students have access to relevant technology	1
Higher Internet quota	17	Improve email system	1
Greater Internet reliability and access	16	Improve film facilities	1
Electronic textbooks	16	Improve integration with external services	1
Student social/academic network	14	Improve Linux compatibility	1
Improve printing (more printers, lower costs)	13	Improve Mac support	1
Promote technology in teaching	13	Improve network reliability	1
Train students	13	Improve Skype access	1
Free/cheaper laptops	9	Improve Intranet speed	1
Fix Android/iOS proxy issues	6	Online lectures/ course material	1
Improve technical support (to students)	6	Promote a paperless learning environment	1
Specialist software	5	Practical coursework technology	1
Train academics/staff	5	Retain older versions of certain software	1
Improve off-campus access	4	Reward student innovation	1
Keep technology up to date	4	Standardise operating systems	1
Improve antivirus protection	3	Use more open source software	1
Diversify technologies	2	Use simpler IT systems	1
More laptop recharge outlets	2	Use visual software to show links between courses	1