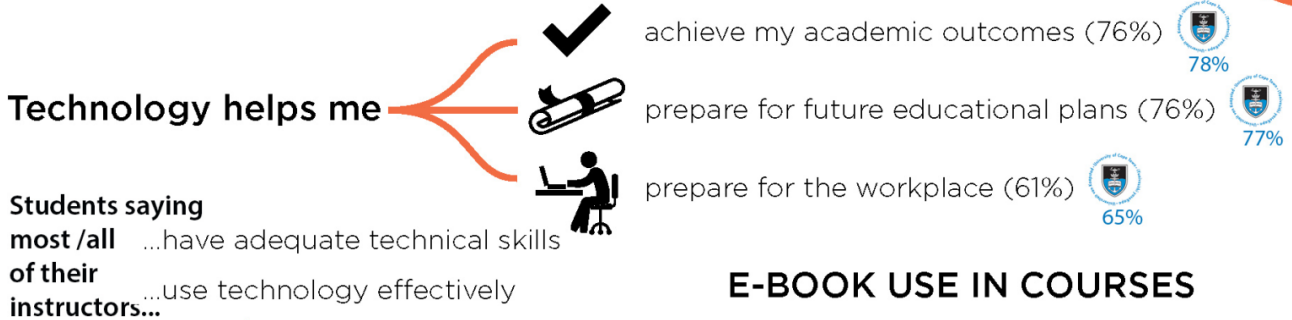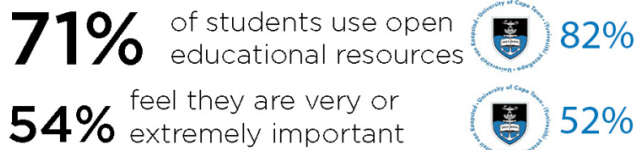# STUDENTS AND TECHNOLOGY
2013
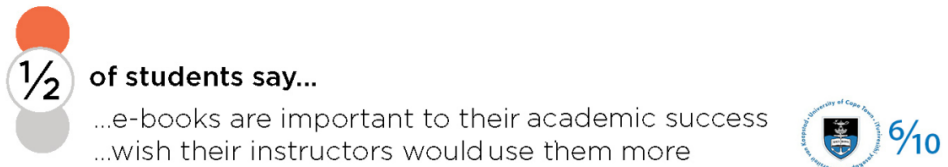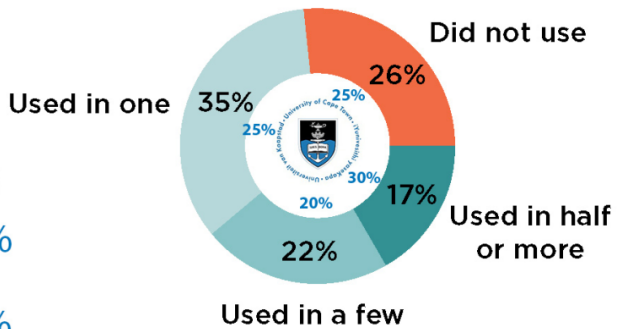
Technology Value and Use

Students value the ways in which technology helps them achieve their academic goals and prepares them for their future academic and workplace activities.

Technology helps me
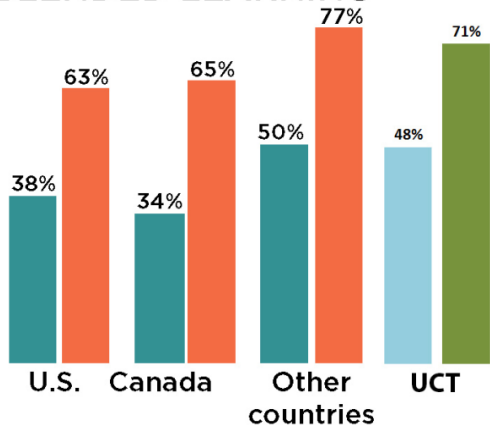- ✔ achieve my academic outcomes (76%) — 78%
- 📜 prepare for future educational plans (76%) — 77%
- 🧑‍💻 prepare for the workplace (61%) — 65%

Students saying most /all of their instructors...
...have adequate technical skills
...use technology effectively

2/3   3/4

OPEN EDUCATIONAL RESOURCES

71% of students use open educational resources — 82%

54% feel they are very or extremely important — 52%

1/2 of students say...
...e-books are important to their academic success
...wish their instructors would use them more — 6/10

E-BOOK USE IN COURSES

Did not use — 26% (25%)
Used in one — 35% (25%)
Used in half or more — 17% (30%)
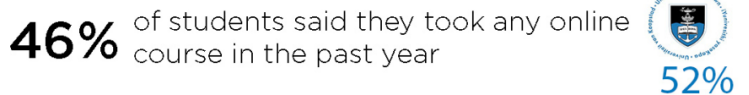Used in a few — 22% (20%)

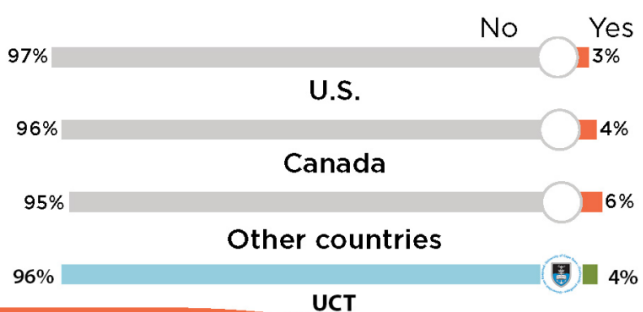## Learning Environments

BLENDED LEARNING

Students prefer blended learning environments while beginning to experiment with MOOCs.

46% of students said they took any online course in the past year — 52%

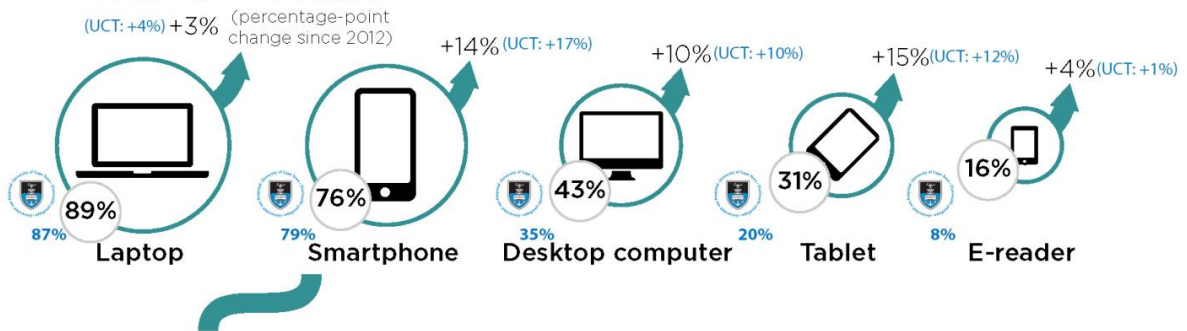|	U.S.	Canada	Other countries	UCT
Students taking about half or more of their classes as blended learning	38%	34%	50%	48%
Students who say they prefer blended learning classes	63%	65%	77%	71%

- ■ Students taking about half or more of their classes as blended learning
- ■ Students who say they prefer blended learning classes

Few students said they took a MOOC in the past year

	No	Yes
U.S.	97%	3%
Canada	96%	4%
Other countries	95%	6%
UCT	96%	4%

Mobile Device Ownership and Use

Students are poised to use their mobile devices more, and look to institutions and instructors for opportunities and encouragement to do so.
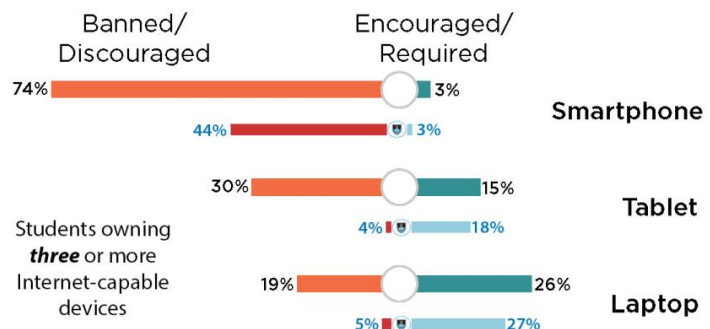
DEVICE OWNERSHIP

(percentage-point change since 2012)

Laptop	Smartphone	Desktop computer	Tablet	E-reader
(UCT: +4%) +3%	+14% (UCT: +17%)	+10% (UCT: +10%)	+15% (UCT: +12%)	+4% (UCT: +1%)
89%	76%	43%	31%	16%
87%	79%	35%	20%	8%

Top 5 in-class uses for smartphones:

1 To look up information
2 To photograph information
3 To access digital resources
4 To record my instructors
5 To participate in activities

STUDENTS' IN-CLASS BYOD EXPERIENCES

	Banned/ Discouraged	Encouraged/ Required	
Smartphone	74%	3%	
	44%	3%	
Tablet	30%	15%	
	4%	18%	
Laptop	19%	26%	
	5%	27%	

Students owning **three** or more Internet-capable devices

58% **52%**

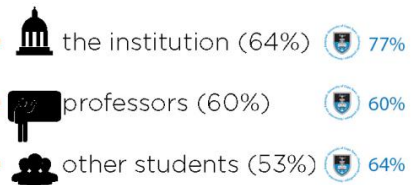## Connectivity and Engagement

Students value their privacy, and using technology to connect with them has its limits.

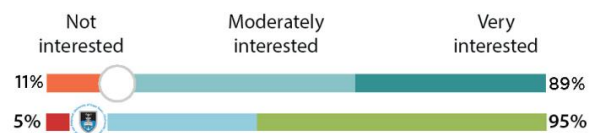Technology makes me feel more connected to—

- the institution (64%) 77%
- professors (60%) 60%
- other students (53%) 64%

60% **54%**

of students prefer to keep their academic and social lives separate.

Keeping academic and social lives separate is more important to older students than younger students.

Early Alert and Resource Recommendations

	Not interested	Moderately interested	Very interested
	11%		89%
	5%		95%

Guidance about Course Offerings

	Not interested	Moderately interested	Very interested
	24%		76%
	21%		79%

EDUCAUSE CENTER FOR ANALYSIS AND RESEARCH

EDUCAUSE

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

Keep content updated
Nothing
Improve interactivity Use more technology
Lecture recording
Expand online resources
Engage with students
Improve technological ability
Train us to use technology
Provide e-books

tagxedo.com

ONE thing *your lecturers* can 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

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

tagxedo.com

ONE thing *UCT* can do with technology to better facilitate / support your academic success			
Category	**Number of instances**	**Category**	**Number of instances**
Improve online resources (Vula, etc)	83	Discourage over-use of technology	7
Improve access to technology	58	Improve IT support	6
Promote lecture recording	54	Provide plugs (for charging devices)	6
Improve Internet access (wireless / wired)	43	Improve remote access	5
Improve communication(with students	36	Teach lecturers to use technology	4
Provide e-books	32	Improve network access	3
Increase Internet quota	30	Promote online submission of coursework	3
Simplify admin via technology	27	Connect students more to other universities	2
Nothing (happy with UCT)	25	Get rid of chalk boards	2
Teach us how to use technology	23	Improve communication between admin and lecturers	1
Enhance lab facilities	22	Increase F: space	1
Improve teaching facilities	18	Electronic parking bays to facilitate parking	1
Encourage lecturers to use technology	15	Keep technology updated	1
Unify online resources	11	Manage venues better	1
Improve printing	10	Reduce timetable clashes	1
Provide online courses	9	Simplify library system	1
Use technology more	9		