

## **2. Investigating the Net Generation**

### ***2.1 Data Collection Instruments***

This section of the toolkit contains the research instruments developed during the Investigation stage of the Educating the Net Generation project. These include:

- **Students' Experience with Technology Questionnaire** (*pages 7-11*)
- **Staff Experience with Technology Questionnaire** (*pages 12-16*)
- **Example Focus Group Questions for Students** (*page 17*)
- **Example Focus Group Questions for Staff** (*page 18*)

## Students' Experience with Technology Questionnaire

We are surveying first year students at your University about their use of technology. Your responses to this questionnaire, and the responses of other students, will assist us in catering for the needs of students at the University. Participation in this study is voluntary and confidential, and the questionnaire should only take 10-15 minutes to complete.

### 1.0 Background Information

What Faculty are you enrolled in? \_\_\_\_\_

What Course are you enrolled in? (e.g. BA, BSc, Eng, Law, IT) \_\_\_\_\_

What Subject are you taking this questionnaire in? \_\_\_\_\_

How are you enrolled in this course?  Full Time     Part Time     Distance

In what year did you first enrol in this course? \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Sex:  Male     Female

Are you from a non-English-speaking background?  Yes     No

Are you of Aboriginal or Torres Strait Islander descent?  Yes     No

Are you a student with a disability?  Yes     No

Are you an International or a Local student?  International     Local

If you are an Australian resident, what is the postcode of your permanent home address? \_\_\_\_\_

If you are not an Australian resident, in what country is your permanent home address? \_\_\_\_\_

### 2.0 Access to Technology

**Not including your access on campus**, please use the table to indicate your level of access to different types of technologies.

<b>Types of Technology</b>	<i>Access exclusively for my own use</i>	<i>Access any time I need it, shared with other people</i>	<i>Limited or inconvenient access</i>	<i>No access</i>	<i>Not sure</i>
Desktop computer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Portable computer (i.e. laptop or notebook)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic organiser (e.g. PDA, Palm, PocketPC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dedicated MP3 player (e.g. iPod)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MP3 player with video capabilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dedicated digital camera	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile phone with a camera	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile phone with an MP3 player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Video (3G) capable mobile phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Memory stick (e.g. flash drive, USB stick)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dedicated video game console (e.g. Xbox, Playstation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<i>Web cam</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Dial-up internet access</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Broadband internet access (ADSL or cable)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Wireless internet access</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 3.0 Use Of Technology

Below is a list of different ways in which information and communication technologies can be used.

Please indicate: 1. How OFTEN, on average, you have used technology in each way over the past year.  
2. How SKILLED you are at using technology in each way.

If you have never used a particular technology please tick NU (Not Used) and do not provide a skill rating.

Ways in which technology can be used	HOW OFTEN							HOW SKILLED					NU	
	Several times a day	Once a day	Several times a week	Once a week	Once /twice a month	Every few months	Once /twice a year	Not Very Skilled					Very Skilled	Not Used
Use a computer to manage or manipulate digital photos (e.g. using iPhoto, Dig. Image)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use a computer to create or manipulate digital images (e.g. using Photoshop)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use a computer for creating presentations (e.g. PowerPoint)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use a computer for creating or editing audio and video (e.g. iMovie, Movie Maker)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use a computer to play digital music files (e.g. iTunes) without accessing the internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use a computer to play games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use a games console to play games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the internet/web or a LAN to play networked games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use a handheld computer (e.g. a PDA) as a personal organiser (e.g. diary, address book)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web to access a portal, 'Course or Learning Management System'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web to look up reference information for study purposes (e.g. online dictionaries)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web to browse for general information (e.g. news, holidaying, event timetables)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web to listen to sound recordings (e.g. via streaming audio or iTunes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web for other pastimes (i.e. for leisure activities)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web to buy or sell things (e.g. eBay, Amazon, air tickets.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web for other services (e.g. banking, paying bills)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>
Use the web/internet to send or receive email (e.g. Hotmail, Yahoo, Outlook)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5		<input type="checkbox"/>

Use the web/internet for instant messaging / chat (e.g. MSN, Yahoo, ICQ)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to build and maintain a website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use social networking software on the web (e.g. Myspace, Trendster)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use social bookmarking software on the web (e.g. del.icio.us)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>

### 3.0 Use Of Technology (cont ...)

Please indicate: 1. How OFTEN, on average, you have used technology in each way over the past year.  
2. How SKILLED you are at using technology in each way.

If you have never used a particular technology please tick NU (Not Used) and do not provide a skill rating.

Ways in which technology can be used	Frequency							Skill Level					Not Used
	Several times a day	Once a day	Several times a week	Once a week	Once /twice a month	Every few months	Once /twice a year	Not Very Skilled					
Use the web to download podcasts (e.g. using Juice, iTunes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to publish podcasts (e.g. using Podifier, Podcaster, PodProducer)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to download and/or share MP3 files (e.g. music, videos)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to share photographs or other digital material (e.g. using blinklist, Flickr)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to make phone calls (e.g. VoIP using Skype)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web for webconferencing (e.g. using a webcam with Skype)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to read RSS feeds (e.g. news feeds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to keep your own blog or vlog	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to read other people's blogs or vlogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to comment on blogs or vlogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to contribute to the development of a wiki	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to call people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to text / SMS people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to take digital photos or movies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to send pictures or movies to other people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to make video calls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone as an MP3 player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone as a personal organiser (e.g. diary, address book)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to access information / services on the web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to send or receive email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>

#### 4.0 Studying in this Subject

Think about the subject you are taking this survey in and use the rating scales below to give us your opinion of how important each item is for being good at this subject?

How important are these for being good at this subject?	Not at all Important	Not very Important	Quite Important	Very Important
Skills, techniques and specialist knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural-born talent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Taste, judgement or a developed 'feel' for it	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### 5.0 Technologies to Assist Your University Studies

5.1 I want to use technology in my studies because:	Strongly Agree		Neutral		Strongly Disagree
It will help me get better results in my subjects	1	2	3	4	5
It will help me understand the subject material more deeply	1	2	3	4	5
It makes completing work in my subjects more convenient	1	2	3	4	5
It will improve my IT / information management skills in general	1	2	3	4	5
It will improve my career or employment prospects in the long term	1	2	3	4	5

Below is a list of different ways in which technology may be used to help you with your studies at University.

5.2 Please rate how useful each of the following technologies currently is or would be in your studies (regardless of whether or not you have used each technology in the past).  In your studies how useful do you think it would be to ...	Not at all Useful					Neutral	Extremely Useful					Don't Know
	1	2	3	4	5		1	2	3	4	5	
Design and build web pages as part of your course (e.g. using Dreamweaver, Frontpage)?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Create and present multimedia shows as part of your course requirements (e.g. PowerPoint)?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Create and present audio/video as part of your course requirements (e.g. iMovie, Movie Maker)?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Download or access online audio/video recordings of lectures you did not attend?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Download or access online audio/video recordings to revise the content of lectures you have already been to?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Download or access online audio/video recordings of supplementary content material?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Use the web to access University based services (e.g. enrolment, sign up for tutes, pay fees)?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Use your mobile phone to access web-based University services information or services (e.g. enrolment, sign up for tutes, paying fees)?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Use instant messaging / chat (e.g. MSN, Yahoo, ICQ) on the web to communicate/collaborate with other students in the course?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Use instant messaging / chat (e.g. MSN, Yahoo, ICQ) on the web to communicate with Lecturers and administrative staff from the course?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Use social networking software (e.g. Myspace, Trendster) on the web to communicate/collaborate with other students in the course?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Use the web to share digital files related to your course (e.g. sharing photos, audio files, movies, digital documents, websites, etc)?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>
Use webconferencing or video chat to communicate/collaborate with other students in the course?	1	2	3	4	5		1	2	3	4	5	<input type="checkbox"/>

Receive alerts about course information (e.g. timetable changes, the release of new learning resources, changes in assessment) via RSS feeds on the web?	1	2	3	4	5		<input type="checkbox"/>
Keep your own blog as part of your course requirements?	1	2	3	4	5		<input type="checkbox"/>
Contribute to another blog as part of your course requirements?	1	2	3	4	5		<input type="checkbox"/>
Contribute with other students to the development of a wiki as part of your course requirements?	1	2	3	4	5		<input type="checkbox"/>
Receive grades/marks from your Lecturer via text message on your mobile phone?	1	2	3	4	5		<input type="checkbox"/>
Receive pre-class discussion questions from your Lecturer via text message on your mobile phone?	1	2	3	4	5		<input type="checkbox"/>
Receive administrative information about the course via text message on your mobile phone (e.g. timetable or assessment changes, info on new learning resources)?	1	2	3	4	5		<input type="checkbox"/>

Please list three ways in which you think the technologies that you use in your everyday life could be useful in your studies.

1.  
.....
2.  
.....
3.  
.....

## Staff Experience with Technology Questionnaire

We are surveying staff at your University about their use of technology generally and in their first year teaching. Your responses to this questionnaire, and the responses of other staff, will help to cater for the needs of staff and students at the University. Participation in this study is voluntary and confidential, and the questionnaire should take less than 15 minutes to complete.

### 1.0 Background Information

What Faculty do you work in? \_\_\_\_\_

What is your title (Lecturer, Professor, Tutor, etc) \_\_\_\_\_

In what discipline area do you do most of your first year teaching?  
(e.g. Chemistry, Psychology, Education, Economics, etc ) \_\_\_\_\_

What was your average load in this discipline area, in this semester? \_\_\_\_\_ Average hours per week

What is your age?       20 - 25     26 - 30     31 - 35     36 - 40     41 - 50     60 +

Sex:                       Male               Female

### 2.0 Access to Technology

2.1 Please indicate your **access to computers** at home and work.

	At Home		At Work (i.e. university)	
Desktop computer	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Portable computer (i.e. laptop or notebook)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

2.2 Please indicate, whether you **own** the following technologies.

Electronic organiser (e.g. PDA, Palm, PocketPC)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
MP3 player (e.g. iPod) without video capabilities	<input type="checkbox"/> Yes	<input type="checkbox"/> No
MP3 player with video capabilities	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Memory stick (e.g. flash drive, USB stick)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Mobile phone – without camera, MP3 player or video	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Mobile phone with a camera – but without MP3 player or video	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Mobile phone with camera and MP3 player – but without video	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Video (3G) capable mobile phone	<input type="checkbox"/> Yes	<input type="checkbox"/> No

2.3 Please indicate whether you have the following **in your home**:

Dedicated video game console (e.g. Xbox, Playstation)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Web cam	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Dedicated digital camera	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Dial-up internet access	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Broadband (ADSL or cable) internet access	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Wireless internet access	<input type="checkbox"/> Yes	<input type="checkbox"/> No

### 3.0 Technologies to Assist University Teaching and Learning

Please indicate the extent to which you agree or disagree with the following statements.

<b>I want students to use technology in their studies because it:</b>	Strongly Disagree		Neutral		Strongly Agree
Will help them get better results in their subjects	1	2	3	4	5
Will help them understand the subject material more deeply	1	2	3	4	5
Makes completing work in their subjects more convenient for them	1	2	3	4	5
Will improve their IT / information management skills in general	1	2	3	4	5
Will improve their career or employment prospects in the long term	1	2	3	4	5

### 4.0 Use Of Technology

Below is a list of different ways in which information and communication technologies can be used.

Please indicate: 1. How OFTEN, on average, you have used technology in each way over the past year.  
2. How SKILLED you are at using technology in each way.

If you have never used a particular technology please tick NU (Not Used) and do not provide a skill rating.

Ways in which technology can be used	HOW OFTEN							HOW SKILLED					NU
	Several times a day	Once a day	Several times a week	Once a week	Once /twice a month	Every few months	Once /twice a year	Not Very Skilled					
Use a computer to manage or manipulate digital photos (e.g. using iPhoto, Dig. Image)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a computer to create or manipulate digital images (e.g. using Photoshop)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a computer for creating presentations (e.g. PowerPoint)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a computer for creating or editing audio and video (e.g. iMovie, Movie Maker)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a computer to play digital music files (e.g. iTunes) without accessing the internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a computer to play games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a games console to play games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the internet/web or a LAN to play networked games	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a handheld computer (e.g. a PDA) as a personal organiser (e.g. diary, address book)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to access a portal, 'Course or Learning Management System'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to look up reference information for study purposes (e.g. online dictionaries)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to browse for general information (e.g. news, holidaying, event timetables)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to listen to sound recordings (e.g. via streaming audio or iTunes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web for other pastimes (i.e. for leisure activities)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to buy or sell things (e.g. eBay, Amazon, air tickets.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>

Use the web for other services (e.g. banking, paying bills)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web/internet to send or receive email (e.g. Hotmail, Yahoo, Outlook)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web/internet for instant messaging / chat (e.g. MSN, Yahoo, ICQ)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to build and maintain a website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use social networking software on the web (e.g. Myspace, Trendster)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use social bookmarking software on the web (e.g. del.icio.us)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>

## 5.0 Use Of Technology (cont ...)

Please indicate: 1. How OFTEN, on average, you have used technology in each way over the past year.  
2. How SKILLED you are at using technology in each way.

If you have never used a particular technology please tick NU (Not Used) and do not provide a skill rating.

Ways in which technology can be used	HOW OFTEN							HOW SKILLED					NU
	Several times a day	Once a day	Several times a week	Once a week	Once /twice a month	Every few months	Once /twice a year	Not Very Skilled					Very Skilled
Use the web to download podcasts (e.g. using Juice, iTunes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to publish podcasts (e.g. using Podifier, Podcaster, PodProducer)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to download and/or share MP3 files (e.g. music, videos)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to share photographs or other digital material (e.g. using blinklist, Flickr)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to make phone calls (e.g. VoIP using Skype)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web for webconferencing (e.g. using a webcam with Skype)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to read RSS feeds (e.g. news feeds)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to keep your own blog or vlog	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to read other people's blogs or vlogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to comment on blogs or vlogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use the web to contribute to the development of a wiki	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to call people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to text / SMS people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to take digital photos or movies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to send pictures or movies to other people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to make video calls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone as an MP3 player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>

Use a mobile phone as a personal organiser (e.g. diary, address book)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to access information / services on the web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>
Use a mobile phone to send or receive email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4	5	<input type="checkbox"/>

## 6.0 Student Success in your Subject

Please rate how important each item is for students' success in the discipline area in which you do most of your **first year teaching**?

How important to students' success is ...	Not at all Important	Not very Important	Quite Important	Very Important
Skills, techniques and specialist knowledge?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural-born talent?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Taste, judgement or a developed 'feel' for it?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 7.0 Technologies to Assist University Teaching and Learning

7.1 Please indicate which of the following technologies you currently use in your first year teaching?

1. <input type="checkbox"/> PowerPoint Presentations	5. <input type="checkbox"/> Interactive Multimedia/CD-ROMs	8. <input type="checkbox"/> MP3s and/or audio recordings
2. <input type="checkbox"/> Email	6. <input type="checkbox"/> Digital videos in lectures (eg Quicktime)	9. <input type="checkbox"/> Online Assessment Submission
3. <input type="checkbox"/> Discussion lists/online forums	7. <input type="checkbox"/> A Learning Management System (eg BlackBoard, WebCT Vista)	10. <input type="checkbox"/> Online self-tests/quizzes
4. <input type="checkbox"/> A subject web site		11. <input type="checkbox"/> Other please specify:

7.2 Below is a list of different technology-based activities that could be used in university teaching and learning.

For each item please indicate:

- Whether or not you **currently use** these technology-based activities in your first year teaching.
- How **useful** each technology-based activity would be in supporting student learning (regardless of whether you currently use it).

You can also indicate that a particular technology is **Not Relevant** or you **Don't Know** enough about the technology to respond.

Technology-based teaching and learning activity	Currently use?		Useful?			Don't Know
	Yes	No	Not Useful	Neutral	Very Useful	
Ask students to design and build web pages as part of course requirements (e.g. using Dreamweaver, Frontpage).	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to create and present multimedia shows as part of their course requirements (e.g. PowerPoint).	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to create and present audio/video as part of their course requirements (e.g. iMovie, Movie Maker).	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Allow students to download or access online audio/video recordings of your lectures.	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Allow students to download or access online audio/video recordings of supplementary content material.	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to use instant messaging / chat (e.g. MSN, Yahoo, ICQ) to communicate/collaborate with each other.	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to use instant messaging / chat (e.g. MSN, Yahoo, ICQ) to communicate with Lecturers and administrative staff from the course.	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to use social networking software (e.g. Myspace, Trendster) to communicate/collaborate with each other in the course.	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>

Ask students to use the web to share digital files related to their course (e.g. sharing photos, audio files, movies, digital documents, websites, etc).	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to use webconferencing or video chat to communicate/collaborate with each other in the course?	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Provide students with alerts about course information (e.g. timetable changes, the release of new learning resources, changes in assessment) via RSS feeds on the web?	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to keep their own blog as part of your course requirements?	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to contribute to another blog as part of their course requirements?	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Ask students to contribute with other students to the development of a wiki as part of their course requirements?	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Provide students with pre-class discussion questions via text message on their mobile phones.	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>
Provide students with administrative information about the course via text message on their mobile phones (e.g. timetable or assessment changes, info on new learning resources).	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	<input type="checkbox"/>

7.3 Please list any other technologies or technology-based activities that you use in your first year.

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## Example Focus Group Questions for Students

### *Everyday*

What technologies do you like using?

- What do you use them for?
- Why do you use them?

What do you like about these technologies?

### *Implementation*

Can you think of how some of these technologies could be useful in your studies at Uni?

- What could you use these for?
- (What about in this subject particularly?)

*Example* (same for each group) – Think of lecturers and texting

- Scenarios where you'd be **happy** to receive texts from your lecturers
  - eg Timetable change / class cancelled...
- Scenarios where you'd be **unhappy** to receive texts from your lecturers
  - eg Saturday night reminder about Monday's assignment...

## Example Focus Group Questions for Staff

### *Everyday*

What technologies do you like using?  
What do you like about these technologies?

### *Educational Context*

Can you tell us a little about the structure/design of your local teaching environment/course?

- Objectives
- Learning Design
- Expectations of Students
- Assessment

### *Implementation*

We have found that students like using these technologies [XYZ]

- Can you think of ways that you could use these technologies to support students' learning in your local teaching environments/courses?
- How do you think you could use these types of technologies/tools in your local teaching environments/courses?

What do you think are the major 'facilitators' or 'barriers' to using the technologies we were talking about earlier [i.e. XYZ]?

- Other factors in your local environment
  - Infrastructure
  - Skills base / training
  - Funding etc