Figures & Tables

Figure 1:



Figure 2:



Figure 3:



Figure 4:



Table 1:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Answer options** | Strongly agree & Agree | Strongly disagree & Disagree | Not applicable  | Response Count |
| *f* | ***f*** | *f* | n |
| Unisa allows us as lecturers to freely experiment with different software programs and applications to enhance our teaching | 10 | 3 | 1 | 14 |
| There is a lot of red-tape before one can use alternative programs and applications for teaching | 5 | 7 | 1 | 13 |
| I have enough time at work to experiment with alternative programs and applications for teaching | 4 | 9 | 1 | 14 |
| Unisa's policies are not enabling lecturers to use alternative programs and applications for teaching | 5 | 8 | 1 | 14 |
| Unisa supports the use of alternative programs and applications for teaching | 11 | 1 | 1 | 13 |
| ICT cannot provide support for us to use alternative programs and applications for teaching | 7 | 5 | 1 | 13 |

Table 2:

| **Question: In my personal and social life I do the following (tick all that apply):** |
| --- |
|  | **Percentage** | **Frequency** **(*f* =)** |
| Use social networking websites (e.g. Facebook) | 46.7% | 7 |
| Download podcasts | 20.0% | 3 |
| Use instant messaging or chat (e.g. MSN, iChat, MXit, WhatsApp) | 86.7% | 13 |
| Video-chat or video-conference (e.g. Skype, ooVoo) | 33.3% | 5 |
| YouTube (watch and/or download) | 66.7% | 10 |
| Upload video or photo content onto the internet | 40.0% | 6 |
| Use on-demand video (e.g. iPlayer, 4OD) | 0.0% | 0 |
| Use advanced functions on my mobile phone (e.g. Mobile TV, Web browser, GPS or email) | 46.7% | 7 |
| Participate in online discussion groups or chat rooms | 40.0% | 6 |
| Take part in an online community, e.g. a “virtual world” such as Second Life | 13.3% | 2 |
| Blogging (e.g. wordpress, blogspot) | 6.7% | 1 |
| Micro-blogging (e.g. Twitter or similar) | 6.7% | 1 |
| ePortfolio (e.g. LinkedIn) | 20.0% | 3 |
| Google Hangout | 0.0% | 0 |
| Google Docs | 13.3% | 2 |
| Cloud-storage (Dropbox, Mega) | 20.0% | 3 |
| In addition to download and upload of media or content, I can also adapt media | 13.3% | 2 |

Table 3

| **Answer options** | **Percentage** | **Frequency** **(*f* =)** |
| --- | --- | --- |
| LMS (learning management system) (e.g. Blackboard, Moodle, etc.) | 52.9% | 9 |
| Creating a pdf | 17.6% | 3 |
| Using Podcasts | 47.1% | 8 |
| Creating Podcasts | 52.9% | 9 |
| Using video-clips | 35.3% | 6 |
| Creating video-clips | 70.6% | 12 |
| Using URLs and hyperlinks to websites | 47.1% | 8 |
| Using computer software such as PowerPoint, Word, Excel, Outlook (e-mail), etc. | 17.6% | 3 |
| Effectively browsing the Internet | 17.6% | 3 |
| Using social media (Facebook, Twitter, etc.) | 58.8% | 10 |

Table 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Answer options** | I have not used this / can’t use this | I’m not that confident and need help | I can do this quite well | I believe I am HIGHLY confident/ competent/ proficient in this |
| *f* | *f* | *f* | *f* |
| I have a blog, edit my blog | 10 | 3 | 1 | 0 |
| Collaborating online (such as participating in a forum, contributing to a wiki, group work online) | 5 | 5 | 3 | 1 |
| Create my own wiki site/page, edit a wiki, invite others to edit my wiki | 10 | 3 | 1 | 0 |
| Social bookmarking/sharing (such as delicious, CiteULike) | 10 | 3 | 1 | 0 |
| Flickr (or similar alternative) – collating, and sharing photos | 10 | 3 | 1 | 0 |
| File storage and sharing (such as Dropbox) | 1 | 7 | 4 | 2 |
| FaceBook – communicating with & finding friends, upload images, chat | 7 | 1 | 1 | 5 |
| FaceBook – aware of how to use the security settings | 7 | 1 | 3 | 3 |
| I am on Twitter - I follow people, tweet, use hash tags | 11 | 2 | 0 | 1 |
| Instant messenger systems - send messages, audio/video chat, group chat, add friends, block people | 4 | 3 | 5 | 2 |
| Professional networking sites – such as LinkedIn | 4 | 2 | 5 | 3 |

Table 5

|  |  |  |
| --- | --- | --- |
| **Answer Options** | **Percentage** | **Frequency** **(*f* =)** |
| I can teach others in my Department | 6.3% | 1 |
| I am comfortable with tools and applications on our university's LMS/Learning Management System (e.g. Official LMS, Blackboard, Moodle, etc.) and other programs | 6.3% | 1 |
| I can help myself but can do with extra assistance / help | 50.0% | 8 |
| I can use a few of the tools on our LMS  | 31.3% | 5 |
| I am in serious need of assistance | 6.3% | 1 |

Table 6

| **Answer options** | I have not used this/can’t use this | I’m not that confident and need help | I can do this quite well | I believe I am HIGHLY confident/competent/ proficient in this | N = |
| --- | --- | --- | --- | --- | --- |
| *f* | *f* | *f* | *f* |  |
| All the main features of Word | 0 | 0 | 5 | 9 | 14 |
| All the main features of PowerPoint | 0 | 2 | 6 | 6 | 14 |
| All the main features of Excel | 0 | 7 | 6 | 1 | 14 |
| Install software on a PC | 4 | 1 | 9 | 0 | 14 |
| Use Antivirus software to identify and sort out a computer virus | 3 | 3 | 6 | 2 | 14 |
| Mac/PC literate – cross platform skills. I can use both platforms | 9 | 2 | 3 | 0 | 14 |
| USB sticks/memory cards – storing and transferring information | 0 | 1 | 4 | 9 | 14 |
| Using email to send messages and attachments | 0 | 0 | 3 | 11 | 14 |
| Printing documents/information | 0 | 0 | 3 | 11 | 14 |
| Accessing the Internet through Wi-Fi or network cabling | 0 | 0 | 7 | 7 | 14 |
| Browsing and navigating on the Internet | 0 | 0 | 7 | 7 | 14 |
| Watching videos and listening to music on the Internet | 0 | 2 | 5 | 6 | 13 |
| Registering and making bookings on the Internet | 1 | 1 | 5 | 7 | 14 |
| Text messaging (SMS) and e-mails via a mobile device (e.g. Smartphone or tablet) | 0 | 0 | 4 | 10 | 14 |

Table 7

| **Answer Options** | I have not used this/can’t use this | I’m not that confident and need help | I can do this quite well | I believe I am HIGHLY confident/competent/ proficient in this | n = |
| --- | --- | --- | --- | --- | --- |
| *f* | *f* | *f* | *f* | *n* |
| Use myUnisa *(the VLMS)* | 0 | 1 | 6 | 5 | 12 |
| Understanding and considering copyright when using or uploading online content | 0 | 5 | 6 | 2 | 13 |
| Information seeking using search terms to find information (Google) | 0 | 1 | 7 | 5 | 13 |
| I can refine searches using Boolean searching techniques | 2 | 5 | 5 | 1 | 13 |
| Using information for own use (comparing, collating and evaluating a range of information sources) | 2 | 4 | 4 | 3 | 13 |
| I can use an online library catalogue e.g. the university’s library system to find formal journals/academic papers/books/e-books | 0 | 2 | 6 | 5 | 13 |
| Finding official newspaper archives for educational use | 1 | 4 | 5 | 3 | 13 |
| Evaluate whether a web source is (valid/reliable/trustworthy/authentic/credible) | 3 | 5 | 4 | 0 | 12 |
| I know how to reference information I found online (e.g. journal articles, e-books, websites) | 0 | 2 | 8 | 3 | 13 |
| Searching subscribed university databases (such as Infotrac, emerald, InTute, LexisNexis) | 2 | 2 | 8 | 1 | 13 |
| Reading e-books | 0 | 2 | 7 | 4 | 13 |
| Searching Google Scholar | 0 | 1 | 7 | 5 | 13 |