



Centre for Oral Health Sciences
University of Malmö
Sweden



Please fill in the following questionnaire in order to help us identify different needs and attitudes towards implementation of Information Technology in dental education and oral health care. This questionnaire is an attempt to objectively reflect competence with the use of ICT.

All data provided will remain confidential. Your cooperation is greatly appreciated.

Name _____

Gender

Female

Male

Age

20-30

30-40

40-50

>50

Occupation _____

University of graduation _____ Year of graduation _____

Have you ever attended a distance learning course before?

YES

NO

If yes, what kind of course _____
was it and when? _____

Generic Computer skills

Can you:

- | | | |
|---|------------------------------|-----------------------------|
| - Start and shut down a computer? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - locate files in your hard disc through the search option? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - install new simple software? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - create folders, subfolders and organize your files? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - install a new printer? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - execute defragmentation of your hard disc? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - install a modem in your computer including setting up an internet connection through the modem? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - change the resolution of your screen? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - to install a network card and make it work? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - install a new hard disk? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Software handling

Can you:

- | | | |
|--|------------------------------|-----------------------------|
| - use a word processing software (e.g. “Word”, “Wordperfect”) for creating simple documents? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - use PowerPoint for presentations? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - Insert animations in PowerPoint presentations? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - use a desktop publishing software to create complicated documents or flyers? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - compress files with e.g WinZip, RAR? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - use reference management tools as e.g. “End Note” or “Reference Manager”? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - change size of an image thorough an image handling software? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - change an image from “bmp-format” to “jpg-format”? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - build a new database with e.g Access, SQL, Oracle? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - set up a www-server? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Communication

Can you:

- send and receive e-mail? Yes No

- send and receive attachment files? Yes No

- set up an email account on a new computer (e.g. SMTP, POP3, MIME, etc.)? Yes No

- use newsgroups for getting information and communicating? Yes No

- use on-line communication software like NetMeeting, MSN Messenger, ICQ, etc? Yes No

- send a file through on-line communication software? Yes No

- share applications through on-line communication software? (e.g. simultaneously work on a document through NetMeeting) Yes No

- use audio - audiovisual communication through e.g. MSN Messenger or NetMeeting? Yes No

Use of the World Wide Web

Can you:

- perform a simple keyword search on known Internet search engines Yes No

In the list below, circle the operators (booleans) that you have used during Internet database search:

AND + OR / NOT- “ “ * NEAR [au]

In the list below, circle the option that is best suited when searching for the lyrics of ABBA's song "Ring Ring"?

1. Ring Ring ABBA	4. +Ring +Ring
2. +"Ring Ring" NEAR ABBA +lyric* -jewellery	5. +Ring -Ring
3. "Ring Ring" ABBA lyric pop And Rock +Pop	6. ABBA -"Am Brahman Breeders Assoc"

You have just found a very nice page that requires "Quick Time". Yes No

Would you be able to do all the following:

Find it on the internet, download it and install it.

Are you able to download/upload files through FTP? Yes No

Programming

Can you:

- | | | |
|---|------------------------------|-----------------------------|
| - design a simple text-based web page? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - introduce bold text in an HTML script? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - insert Image in an HTML script? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - insert a hyperlink an HTML script? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - design a table an HTML script ? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - design a web page with frames? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - design a web page with an on-line form? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - design a page using stylesheets? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - design a page with ActiveX components? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| - build a database driven site? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Attitudes

Please state the extend of your agreement / disagreement to the statements below by puting a mark in the scales (far left : strongly disagree—Far right : strongly agree)

1. Basic computer literacy is a necessary skill for the healthcare professional

Strongly disagree _____ Strongly agree

2. Computer literacy should be part of every modern undergraduate healthcare curriculum.

Strongly disagree _____ Strongly agree

3. Computer Assisted Learning applications and Web Based Learning can effectively supplement the traditional undergraduate curriculum.

Strongly disagree _____ Strongly agree