

The Importance of Information Literacy Skills for Schools of Health Sciences in Africa

Overview

- Introduction
- Objectives
- Course Title: Information Literacy Skills and Competencies
- Course Content
 - Modules

Course Outline

- **Information sources**
- **Computer Fundamentals**
- **Internet and its uses**
- **Searching tools**
- **Searching techniques**
- **Intellectual property rights**
- **Evaluating and managing information resources**

Information sources

- Print and electronic books
- Periodicals and e-journals
- Indexes and abstracts
- Bibliographies
- Reference sources
- CD-ROMs
- Databases
- Internet

Computer Fundamentals

- Introduction to computers
- Brief history of the computer
- Parts of the computer and their functions
- Hardware and software
- Computer accessories and peripherals
- Uses of the computer
- Examples of computer software programs

Internet/World Wide Web

- Basic Internet Terminologies

- What is the Internet?
 - Network of computer Networks
 - Telecommunications
 - Protocols
 - Uses

- Information Networks
 - Libraries
 - Research Centers
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- Internet Protocols and Uses
 - Email
 - TCP/IP
 - FTP
 - HTML
 - HTTP
 - TELNET

Uses of the Internet

- Electronic Mail
- File Transfer Protocol
- Information Resources- electronic databases, journals, books among others
- Email Discussion Forums/Listservs
- Multimedia
- News Services

Sources of Internet Information

- Academic institutions

- Government agencies

- Publishers of information

- Professional organizations

Searching tools

- Search engines

- Search directories
- Subject gateways
- Portals
- Databases
- Digital archives
- Institutional repositories

Searching Techniques

- What is a database?

An organized collection of files

- Fields
- Records
- Databases
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- **Types of Databases**
 - Bibliographic databases (e.g., MEDLINE, African Index Medicus)
 - Full-text Databases (e.g., TDR databases)
 - Numeric Databases (e.g., statistical information)
 - Image Databases (e.g., Google image database)

Database Searching Techniques

Basic Search Concepts

- Access Points
 - Known item
 - Unknown item

Keyword Searching

- Truncation
- Limiting or Positional
- Searching shortcuts
- Wild Cat Characters

Boolean Operators

- Three basic operators:
 - AND
 - OR
 - NOT

Other Operators

Intellectual Property Rights

- Copyright issues
- Fair use

- Plagiarism

Evaluating and Managing Information Resources

- Managing information resources
 - Bookmarks
 - Bibliographic management tools
 - Citation styles
- Evaluating electronic resources
 - Evaluation criteria

Criteria for Evaluating the Quality of Internet Resources

- Is the information:
 - Accurate
 - Factual
 - Comprehensive
 - Referenced
 - Disguised advertising
- Does the author/producer of the site or document have:
 - Qualifications
 - Credentials
 - Accountability
 - Conflicts of interest
 - Sponsorship
- Is the purpose of the Information to:
 - Explain
 - Inform
 - Persuade
- Currency
 - When was the site last updated
 - Are the materials/information on the site current and appropriate
- Does the site have good:
 - Organization
 - Style
 - Links
 - Navigation
 - Clarity

African nDigital Health Library (ADHL)

ADHL

<https://library.adhl.africa>

The Network of African Medical Librarians

Meetings

2009-07

[July 22-23, 2009] Meeting Kenyatta University Conference Centre Nairobi

<https://library.adhl.africa/handle/123456789/12461>

Downloaded from African Digital Health Library (ADHL)