

14.a/ 14.b Manage, utilize storage data network tools

Functional Area: IT

Pre-Requisites:

Assessment criteria

Knowledge

LO14.ab.1. Configures database management systems, interpreting technical specifications and operation requirements

- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- Use search and storage technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

- Basic of computer Networks (using real life examples), and Internet Local Area Network (LAN), Wide Area Network (WAN), Internet, Concept of Internet (Network of Networks), Meaning of World Wide Web (WWW), Web Browser, Web Site
- Web page and Search Engines. Accessing the Internet using Web Browser
- Information Security and antivirus tools, Do's and Don'ts in Information Security, Awareness of IT, types of cyber crimes

Skills

- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and use a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content

Transferable skills

- Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration