
Computer Application Technology

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Computer Applications Technology is the effective use of information and communication technologies in an end-user computer applications environment in different sectors of society.

Computer Applications Technology equips learners with the knowledge, skills, values and attitudes to create, design and communicate information in different formats. It also makes it possible for learners to collect, analyse and edit data as well as to manipulate, process, present and communicate information to different sectors of society.

Outcomes

- Operational Knowledge of ICT
- Integrated appropriate end user computer applications
- Information Management

Operational knowledge of ICT includes:

- Computer hardware and software
- Networked environments
- Information and Communication Technologies in different environments
- Computer ethics, security and viruses
- Ergonomics, health and safety issues
- Social and environmental issues
- Using an operating system including file management
- General trouble shooting

Integrated appropriate end user computer applications includes:

- Word processing
- Spreadsheet
- Database
- Additional programs of own choice (e.g. Presentations, DTP, Web design, etc)

Information Management includes:

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- Locate, collect, process, present and communicate information
 - Problem solving
 - Creative and critical thinking

Benefits

- Learners are well prepared to integrate all three learning outcomes with the ITSI Materials
- Learners are challenged and developed into young ICT professionals with the ITSI materials
- ITSI provides quality support and guidance in the use of the ITSI CAT Materials

Teacher Assistance

- ITSI is committed to supplying CAT teachers with the necessary ICT skills to teach the new CAT subject
- ITSI is committed to supplying CAT teachers with the OBE skills necessary to teach the CAT in the correct OBE manner
- ITSI is committed to supplying CAT teachers with the training needed to run the various assessment methods for their subject
- The above will be provided through workshops and teacher training

Learning Materials

- Learner oriented materials that guide learners through completing projects
- Worksheets to assist learners where operational knowledge is required
- Reference notes manual for skill details
- Tests
- Assessments
- Rubriks and Assessment Scales
- Assignment and Project extensions which will allow your learners to create more than the required work