

ICT DEPARTMENT

UNIT COURSE: ICT INTEGRATION IN LEARNING

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Course outline

1. ICT foundation

- An overview of ICT
- ICT tools
- Safety, healthy, security and ethics
- An overview of computer operating system

2. Productivity applications

- Productivity tools
- learning Manage records using spreadsheets
- Application areas in ICT

3. Legal frameworks on ICT

- ICT policies in learning
- Legal framework on ICT integration in learning

4. ICT integration in learning

- ICT integration components
- ICT integration approaches
- ICT integrated lesson plan
- Integrating ICT in assessment
- Electronic portfolios
- Classroom technologies
- Learning platforms

- Online collaborative learning
- E-learning
- Blended learning
- Remote learning
- Evaluation of ICT integrated

1. ICT FOUNDATION

A. An overview of ICT

ICT stands for Information and Communication Technology.

Computer is an electronic device that accepts and processes **data** into **information** and under the control of instructions and out puts or stores the results for the future use.

Data refers to any set of values, raw facts, figures, or observations that have been collected.

Information is a collection of data that has been organized and processed in a meaningful way, allowing it to be used for decision-making or other purposes. Information is typically the result of processing raw data through algorithms or other forms of computation to create meaning

information is often stored in

- ✓ databases
- ✓ spreadsheets
- ✓ other applications that enable it to be accessed and analyzed easily.

Information can come in many forms,

- ✓ text
- ✓ images,
- ✓ audio,
- ✓ video
- ✓ numbers among others.