



The Islamia University of Bahawalpur

Course Plan

DEPARTMENT OF EDUCATIONAL TRAINING

Class:

Semester- 2nd

Instructor	Sharaf Mehmood	Email: Sharaf_mehmood@yahoo.com	
Course Title	Computer in Education	Program	M.ed 2 nd semester

SEQUENCE OF TOPICS COVERED

S.no	Lecture Week	Topics (outline of main topics and sub topics)
1	WEEK 1	Introduction to computer system Characteristics of Computers History of Computer
2	WEEK 2	Computer system Hardware Components of hardware Software Features of software
3	WEEK 3	Introduction to Data processing Data types Kinds of data processing Objectives of data processing
4	WEEK 4	Computer Applications ON-LINE APPLICATIONS TYPES OF COMPUTER SYSTEMS
5	WEEK 5	Analog VS Digital computer Kinds of Microchips BASIC PRINCIPLES OF OPERATION OF DIGITAL COMPUTER
6	WEEK 6	GENERATIONS OF COMPUTERS
7	WEEK 7	DATA PROCESSING SYSTEMS CONCEPT OF ON-LINE PROCESSING
8	WEEK 8	NETWORKING ADVANTAGES OF NETWORKING TYPES OF NETWORK

9	WEEK 9	COMPONENTS OF COMPUTER AND THEIR FUNCTIONS
10	WEEK 10	STORAGE UNIT AND CPU PRIMARY STORAGE DEVICE OR RANDOM ACCESS MEMORY [RAM] SECONDARY STORAGE DEVICES
11	WEEK 11	CENTRAL PROCESSING UNIT [CPU] SYSTEM SOFTWARE Operating System
12	WEEK 12	APPLICATION SOFTWARE Basics of MACHINE LANGUAGE
13	WEEK 13	OPERATING SYSTEM FUNCTIONS OF AN OPERATING SYSTEM TYPES OF OPERATING SYSTEM
14	WEEK 14	WINDOWS OPERATING SYSTEM INTERNET
15	WEEK 15	EXTRANET AND E-MAIL