Institute of Education and Research
Faculty of Education
University of the Punjab, Lahore

Program	Bachelor of Education (B.Ed.)	
Course Title: Instructional Technology	**Course Type:** Major Course of Education	
Course Code: MCEd-302	**Credit Hours:** 3	**Duration:** 16 Weeks
Introduction	The course aims to help the students increase their proficiency in - Instructional Technology by enhancing their knowledge in the subject.	
Learning Objectives	After studying the course students will be able to: 1. Understand and explain the foundations of Technology 2. Apply their knowledge in different situations 3. Develop a sense of understanding the trends and issues of instructional Technology	

Course Content	**1. Introduction**
	 1. Definition, meaning, nature and other terms.
	 2. Technology in Education.
	 3. A System Approach.
	 4. Development of the main Concern of Educational Technology.
	    • The Elton Model
	    • The Mass Communication Phase
	    • The Individual Learning Phase
	    • The Group Learning Phase
	
	 2: Communication and Interaction:
	 1. Theory of communication
	 2. Communication cycle
	 3. The role of teachers
	    • As performers
	    • As composers
	    • As conductor
	    • As critic
	 4. Role of learners
	    • Receiver role
	    • Detective role
	    • Generator role
	    • Facilitator role
	 5. Communication in class
	 6. Teacher's behaviour and classroom instruction
	 7. Interaction analysis
	 8. Flancers's system of interaction analysis
	 9. Micro teaching
	
	 3: Basic Educational Strategies	

	1. The teacher /institution centered approach
	2. The Student Centered Approach
	3. The Keller Planned Approach
	4. Mix and match Approach
	4: Educational Objectives
	  1. An Objective Based Approach to learning
	  2. Types of objectives
	  3. Bloom's Taxonomy of Educational Objectives
	
	5: Determining Instruction Strategies and Selecting Instructional Media
	  1. The Nature of Instructional Media
	  2. Looking at Media
	  3. Operates of Media
	  4. The Manipulative Property
	  5. The Distributive Property
	  6. Types of Media
	  7. Selection of Media
	  8. Four Steps Process
	  9. The Our Technologies
	  10. Computers In Education
	  11. Educational Print Materials

Text Book(s)	Wadsworth, B. J. (1984). *Piaget's Theory of Cognitive and Affective Development*: Longman.
Suggested Reading	Washton, N. S. (1967). *Teaching science creatively in the secondary schools*: WB Saunders Co.
Teaching/Learning Strategies	Lecture Discussion Cooperative Learning Class activities Applied Projects
Evaluation Criteria	Assignment/Project/Presentation 25% Mid Term 35% Final Term 40%