

# PROGRAM STRUCTURE

## Instructional Designing Program

### Module 1: Instructional Designing: An Overview

- What is Instructional Design?
- Why Instructional Design?
- Definitions of Instructional Design
- Advantages of Instructional Design
- Disadvantages of Instructional Design

FLOW: How the instructional design of a course can make the students' learning conducive to flow

FLOW: How to make the instructor's or instructional designer's teaching conducive to flow

- Transition
- Clarity

#### Web Resources:

- Instructional Design
- ADDIE Model
- Gagne's Nine Events of Instruction: An Introduction

### Module 2: Instructional Theories

- Bloom's Taxonomy: Introduction and Background
- Bloom's Taxonomy: Process and Application
- Keller's ARCS Model for Motivation
- Gagne's Conditions of Learning Theory
- Dick and Carey System Approach Model
- Learning Theories: Behaviorism
- Constructivism
- Cognitivism
- Conclusion

#### Web Resources:

Bloom's Taxonomy by Edward Vockell

- Learning Theories: Behaviorism, Cognitivism and Constructivism
- Arcs model

### Module 3: ADDIE Development Cycle

- ADDIE Model: An Introduction
- ADDIE Model- Analysis Phase: Training Need Analysis

- Analysis Phase: Audience Analysis
- Analysis Phase: Task Analysis
- ADDIE Model- Design Phase
- Design Phase: Planning the Instructional Strategy
- Design Phase: Selecting the Course Format
- Design Phase: Instructional Design Documents
- ADDIE Model: Development Phase
- Development Phase: Developing a Prototype
- Development Phase: Developing Training Materials
- Development Phase: The Tabletop Review
- Development Phase: Pilot Testing
- ADDIE Model: Implementation Phase
- ADDIE Model: Evaluation Phase
- Kirkpatrick's Four-Level Evaluation Model
- Phillips Return on Investment (ROI) Model

#### **Module 4: E-learning & Standards of Instructional Design**

- E-learning: An Introduction
- Approaches to e-learning services
- Learning Management System (LMS)
- Learning Content management System (LCMS)
- LMS vs. LCMS
- SCORM- An Introduction
- Learning Objects
- SCORM Concepts

#### **Module 5: ID Content Framing**

- ID Contents Framing: Organization
- Storyboarding: An Introduction
- Creating a Storyboard
- Using MS Word to create a Storyboard
- Using PowerPoint to create a Storyboard
- Using MS Organization Chart to create a Storyboard

#### Examples of Storyboards Resource:

- ID Content Framing: Images (Photos and Illustrations)
- ID Content Framing: Audio
- ID Content Framing: Video
- ID Content Framing: Animation
- ID Content Framing: Assessments- Pre and Post Assessments
- Some Samples of Pre and Post Assessment

- ID Content Framing: Assessments-Knowledge Checks

#### **Module 6: Learning Styles/Delivery Models, and Introduction to tools in ID**

- Web-Based Training (WBT) and Computer-Based Training (CBT)
- Components of a WBT
- Instructional Design Aspects in CBT/WBT
- Better Documentation Design
- Documentation Production
- Facilitating Learning
- Defining Performance Assessment Criteria
- Instructor- led- trainings (ILT) and Creating an ILT
- Pros and Cons of Training Delivery Methods
- MS Word 2007 Brief Tutorial
- MS PowerPoint 2007 Brief Tutorial