Instructional Analysis

1. Learning Context
   a. Needs Assessment
      i. Problem
      ii. Innovation
      iii. Discrepancy
   b. Description of Environment
      i. Teachers
      ii. Existing curricula
      iii. Equipment
      iv. Facilities
      v. Organization
      vi. Larger system
2. Learner Characteristics
   a. Similarities
      i. Stable
      ii. Changing
   b. Differences
      i. Stable
      ii. Changing
   c. Specific Prior Learning
      i. Cognitive (knowledge)
      ii. Physiological (motor skills)
      iii. Affective (attitude)
      iv. Social (environment)
   d. Implications for Instructional Design
      i. Pace
      ii. Practice
      iii. Reference statements
      iv. Attention
      v. Contact of examples
      vi. Context of practice items
      vii. Structure
      viii. Medium
      ix. Concreteness/Abstraction
      x. Grouping
      xi. Chunking
      xii. Response mode
      xiii. Number of examples
      xiv. Amount of practice
      xv. Feedback

xvi. Learner control (locus of control)

xvii. Reading level

xviii. Vocabulary

xix. Reinforcement

xx. Time

xxi. Learning guidance

3. Learning Task
    a. State learning goals
    b. Analyze
        i. Types of learning
        ii. Information processing
        iii. Conduct prerequisite analysis
        iv. Write learning objectives