

Design for Learning [3 credit hours]

This course addresses the fundamentals of the instructional design process. Learners will study a systematic approach to the design, development, and evaluation of instruction. The components of effective instruction will be examined relative to how they have been developed within the field of Instructional Technology. Learners will apply these elements within a popular systematic instructional design model to solve a specific instructional problem through the design of an instructional program.

Course Objectives:

- Define Instructional Technology. State the goal of Instructional Technology.
- Define the terms learning and instruction.
- Describe Instructional Design and state how it is different from Instructional Technology.
- Describe the role of the instructional designer.
- Define the term design and describe how it relates to the field of Instructional Design.
- Explain what an instructional model is.
- Describe a system and how it works.
- Describe a topic for which you plan to develop an instructional program. Identify and/or clarify a meaningful, worthwhile instructional goal.
- Write an instructional goal that meets the criteria for initiating the development of instructional materials.
- Apply instructional analysis techniques to identify relevant goal steps and subordinate skills required to reach a desired goal, and identify appropriate entry behaviors.
- Analyze and describe the general characteristics of a target population.
- Analyze and describe the contextual characteristics of the eventual performance and instructional settings.
- Name and describe the components of a properly written performance objective.
- Write worthwhile, well-written objectives for the skills, knowledge, and attitudes indicated in an instructional analysis.
- Identify and/or develop appropriate and well-written assessment that match given instructional objectives and reflect meaningful, purposeful contexts.
- Develop an instructional strategy that supports the learning of a set of objectives for a specific target population, and includes all necessary instructional design components.
- Given an instructional strategy, describe the procedures for developing instructional materials.
- Describe methods that might be used to formatively evaluate a set of instructional materials.