

# **INSTRUCTIONAL DESIGN**

## COURSE DESCRIPTION

This course is designed to teach methods of developing programs, courses, and a useful instruction system for adult learners. Using adult learning theory as a foundation, emphasis will be placed on a systematic approach to developing, implementing and evaluating courses appropriate for a college-level curriculum. Upon completion, students will be able to update college-level courses and design programs for adult learners.

## COURSE OBJECTIVES

- Participants will use adult learning-principles and basic instructional design theories design classes they instruct.
- Participants will demonstrate the ability to apply the principles of adult learning by developing and presenting a module of instruction in their field.
- Participants will develop techniques to integrate the six basic skills that all graduates of FTCC should possess into the courses they teach. These basic skills include the ability to:
  1. Communicate effectively in reading, writing, listening and speaking.
  2. Perform technical skills in their selected profession.
  3. Use information to analyze problems and make logical decisions.
  4. Demonstrate positive interpersonal skills in various aspects of life.
  5. Demonstrate quantitative competencies.
  6. Demonstrate basic skills in using a personal computer.

## COURSE OUTLINE

- WEEK 1 Adult Learning Concepts – surveying the research on adult learning
- WEEK 2 Instructional Design Models – reviewing the contemporary models of instructional design
- WEEK 3 Behavioral Objectives – starting the design process by developing the student outcomes to be taught and measured
- WEEK 4 Task Analysis – selecting educational tasks that will lead students to desired outcomes
- WEEK 5 Entry Behavior – assessing the skills and knowledge of adult students in order to gauge the amount of learning that takes place throughout the course of instruction
- WEEK 6 Criterion Tests – developing tests to evaluate skills and learning outcomes attained by adult students as a result of this class
- WEEK 7 Critical Thinking Strategies – developing critical thinking strategies to promote greater critical skills that are applicable to the lives of adult students
- WEEK 8 Evaluation – designing instruments to test student attainment of course objectives and also effectiveness of the course design
- WEEK 9 Administrative/Curriculum Considerations – review of college administrative requirements and curriculum considerations in instructional design
- WEEK 10 Course evaluation and wrap-up