Miami Dade College

Course Description
EME4671 | Instructional Design Analysis | 3.00 credits
In this course, the student will evaluate and analyze training, development, and education opportunities and project development. The student will develop a needs analysis for an instructional design project based on research-based best practices in the field. Pre/Co-requisites: EME 4610

Course Competencies
Competency 1: The student will understand the strategies applied in instructional design by:
1. Understanding the different theories and models utilized to develop training
2. Researching and identifying the characteristics of successful instructional design
3. Identifying strategies for developing training based on different models
4. Comparing and contrasting different instructional design strategies to meet business/organizational goals

Competency 2: The student will conduct a needs assessment for the selected project by:
1. Confirming and defining instructional needs and learner characteristics
2. Conducting research related to best practices and summarizing findings
3. Developing benchmarks to assess the project's progress
4. Creating an assessment plan to determine the overall effectiveness of the training

Competency 3: The student will analyze an existing instructional design project by:
1. Evaluating the application of instructional design theories and models to training, development, or educational opportunity
2. Examining the adherence to instructional design standard protocol
3. Assessing usage of industry standard software in the project

Competency 4: The student will develop a timeline and budget for an instructional design project by:
1. Defining the scope of the project
2. Developing a timeline for completing project components
3. Identifying the various roles and requirements for professional development of an instructional design project that includes all required participants
4. Conducting research and developing a budget for the instructional design project

Learning Outcomes:
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information Numbers / Data