

OSHE 471, EDUCATION & TRAINING METHODS FOR SAFETY
Term Project

PROJECT DESCRIPTION: During this course you will be required to select a training topic required by OSHA safety standards. Then you will analyze training needs; develop a training program; choose proper training methods and materials; and present a portion of that program to a trainee audience.

FIRST MILESTONE: You will turn in a paper with the following information:

Part 1:

Audience (Trainee) Analysis

You have been given a document describing your training audience. From what you are able to learn from the document, and from assumptions of your own, provide an analysis of that audience relative to the topic you have chosen. In other words, what do you expect they will already know (knowledge, skills, etc.), and what do they need to know to do the job you have chosen successfully and safety, and what will you need to teach them (the training discrepancy).

Part 2:

Training Analysis

- ✓ 1. Select a training topic required by OSHA regulations.
2. Define a workplace job that would require that training before a person could do the job safely.
3. Break that job down into tasks. List them.
4. Select at least one of the tasks on which you will develop a training course. Do a Job Task Analysis (JTA) on that task(s)
 - Select one task.
 - Break that task down into steps.
 - Define the skills associated with each step.
5. Create a skills hierarchy, showing which skills must be learned before others can be taught.
 - Write a proper Terminal Objective; i.e., what will a trainee be able to do when he/she has completed your training.
 - Write a proper objective for each skill you have identified as needing to be taught.

PAPER DUE: Your First Milestone is due on ~~Wednesday, 30 September, 2015~~ Tuesday, 3 October 2017. Papers received after that date will not receive full credit.

Marlene Morris-Epps
W0249945

OSHE 471-01
10/03/2017

Terminal Objective

Good!

Target Audience: 50 new hires; male and female; ages 18-50; no disabilities; all speak English; some may previous work experience, some are changing jobs and some are seeking better pay opportunities.

Behavior (Action): Use appropriate methods for handling all hazardous materials while working, to prevent accidental exposure.

Condition (Given): Hazard Identification, Chemical Labeling, Hazardous Chemical Exposure and Personal Protective Equipment

Degree (Criteria): Protect employees who use and handle hazardous chemicals in laboratories.

Written Terminal Objective: Can identify physical and health hazards of chemicals in the workplace (laboratories); and know how best to protect yourself from hazardous exposures.

OSHE 471
EDUCATION AND TRAINING METHODS FOR SAFETY

1st Milestone Evaluation

Name: Marlene Morris-Epps 10-03-2017

ASSIGNMENT: This is my evaluation of the 1st Milestone for the class. It should help you determine your level of preparedness for the final assignment – your training presentation before the class at the end of the semester. It summarizes your preparation to this point, and will provide you with important feedback. After examining this evaluation, make the necessary modifications/additions to your work and resubmit a copy to me.

ITEM 1:

Provide me with the name of your selection of a training topic that is required by the Occupational Safety and Health Administration (OSHA). Include the specific citation, within the OSHA standard, where the requirement for this training is located.

Occupational Exposure to Hazardous Chemicals in Laboratories; 1910.1450; 1910.1450(f)(1). The employer shall provide employees with information and training to ensure that they are apprised of the hazards of chemicals present in their work area.

ITEM 2:

Perform a task analysis of your training subject. In other words, if a person were to successfully perform the task required by the OSHA-mandated training, what would he/she be able to do? Your list of tasks may be somewhat extensive, depending on the training topic you have chosen.

- 1) Using the SDS sheet to identify the chemical you are using in the laboratory
- 2) Using the SDS sheet to find hazard identification
- 3) Using the SDS sheet for first-aid measures
- 4) Using the SDS sheet for exposure controls
- 5) Using the SDS sheet for handling and storage
- 6) Using the SDS sheet for disposal of the chemicals safely.

ITEM 3:

Identify the skills associated with the correct performance of the task you have selected. Provide a list of the skills. For most tasks, there should be between 4 to 8 skills. Fewer than that is an indication that your task is probably actually a skill, and is part of another task. More than that and you have probably combined several tasks into one, and they need to be broken up into better-defined tasks.

- 1a) use resources such as library and internet.
- 2a) use chemical labeling
- 2b) read precautionary statements
- 2c) use pictogram
- 2d) identify hazardous colors

ITEM 4:

Perform a performance analysis of your target audience. Based on what you know about them, what is their expected level of performance for each of the items identified in Item 2, above? What skills from Item 3 would you expect them to already have? What skills would you suspect that they are lacking?

I would not expect but only one skill for my audience to know: that is being able to use resources such as the library and the internet. The audience, if not already familiar with the subject would be lacking all the other skills. They would have to be trained on the other skills.

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1st Milestone Evaluation

Name: MARLENE MORRIS - EPPS

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§ 1910.1450(f)(1)

ITEM 2:

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GOOD LIST. NOW WRITE EACH TASK OUT IN A COMPLETE SENTENCE. THEN, DESCRIBE THE SKILL(S) NECESSARY TO PERFORM EACH TASK/STEP, ALSO AS A COMPLETE SENTENCE.