**Applied Safety Engineering: TERM PROJECT**

Provided by Dr. Katy Ellis, Northeastern State Univeristy

Each student is expected to participate in the term project. Students may choose to work alone or with a group. There may be no more than three students to a group. The objectives of the project are:

* To develop the student’s ability to recognize safety hazards in everyday operations
* To develop the student’s skills in the use of technology i.e., digital photography, Power Point computer applications, visual display technology, etc.
* To develop the student’s public speaking and presentation skills
* To develop the student’s ability to articulate and explain their position relative to recognized hazards
* To develop the student’s ability to research appropriate governing criteria and to formulate viable corrective actions for recognized hazards

Each student, or group of students, shall select a subject area, which must be approved by the instructor. Subject area examples are: construction hazards, medical hazards, production hazards, heavy equipment hazards, ergonomic hazards, etc. After the subject area is approved, students may use either a digital camera, disposable camera, or their own personal camera to photograph hazards. (You will have to go out and look for them. You may have to keep your camera with you for the majority of the semester.) Students will need a minimum of ten different *ORIGINAL* photographs (no internet downloads) that depict a hazardous situation or OSHA violation in their subject area. You may not use the same photo more than once, even if it depicts several hazards. However, you will be expected to discuss all hazards represented in each photo. Photos must be developed electronically and incorporated into a Power Point presentation for the class. The order in which students or student groups will present their photos will be random. Presentations will begin approximately at week twelve of the semester. Everyone should be ready to present at this time. Grading is based on the quality of the photo, the quality of the overall presentation (both appearance and content), speaker articulation, speaker appearance, speaker knowledge of the subject. Students/student groups will submit a copy of their presentation on disc to the instructor at the end of the presentation.

We will be treating your presentation as if you are presenting your findings to the CEO (the instructor) and various department heads (your fellow students), dress appropriately and be prepared for arguments against your position and questions.

PRESENTATION EVALUATION CRITERIA

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| --- | --- | --- | --- | --- |
| **%** | **Evaluation Area** | **Team Member** | **Team Member** | **Team Member** |
| 5 | Length of Presentation |  |  |  |
| 5 | Personal Appearance |  |  |  |
| 10 | Articulation |  |  |  |
| 10 | Audience Interaction |  |  |  |
| 25 | Subject Expertise |  |  |  |
| 25 | Presentation Materials |  |  |  |
| 15 | Electronic Copy Provided |  |  |  |
| 5 | Efforts above what was called for |  |  |  |

Notes: