Course Title: INT-104 Facilities Safety and Compliance

Course Instructor(s): Anthony Valente

Programs: Industrial Technology, Alternative Energy Technology

Expected Learning Outcomes

- Identify codes and regulatory authorities and their governing agencies.
- Identify the function of each code/agency and the areas of facility operation over which they preside.
- Appropriately respond to agency inquiries and/or inspections.
- Locate online resources that will provide information on compliance and compliance training.

Assessment

Assessments will include:
2 written tests and a final written exam

Validation

1. Comparison of final exam results with national average skills in the energy and industrial field of work.

2. The evaluation of student performance and ability to transfer knowledge to next level of class in the program.

3. Consult Advisory Committee participants as to performance of interns and hired students based on ability and knowledge gained.

Results

The results of the testing and final examination will show the level of retention of the classroom materials.

 The results of the practice exercises and assignments will show the ability of the student to transfer textbook information to hands-on applications.

 The results of the Advisory Committee input will allow us to place a rate of success in our database for ongoing improvement to the course and advise us of changes in technology and industry standards.

Internships will measure the student outcomes in a real world environment through feedback from internship supervisor.

During the spring of 2014 the average grade for students in this course was 78%. It was noted that students had a difficult time as far as time management for this 100% online class. Moodle data continued to show that many students waited until the last minute to turn in assignments and take exams. It was also noted that students completed online exams in a shorter time frame than we would like to see based on the time allowed. This indicates the potential of students rushing through.

Follow-up

The data will be evaluated to improve teaching techniques
The data will be evaluated to help us remain up to date with technology changes.

An orientation video continued to be used which covered all orientation material emphasizing the discipline required to take an online class successfully. That video and its pointers are available throughout the semester.

Budget Justification

Update textbook to include changes in technology
Update classroom equipment to keep pace with changes in technology

No textbook changes or budget modifications required at this time.