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.

Prepared by: Anthony Valente   1

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

During the spring of 2016 the average grade for students in this course was 81%. It was noted that students will still wait until the last minute to do electronic quizzes and testing, as time management for this online class continues to be a challenge for some. Time management continues to be emphasized in the orientation video as well as e-mails sent to students throughout the semester.

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.

Continue to emphasize time management to students in this course.

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. Most of the information required for this course is provided electronically through moodle.