

## Course Outcomes INT-104 Facilities Safety and Compliance

**Course Title:** INT-104 Facilities Safety and Compliance

**Course Instructor(s):** Anthony Valente, Stephanie Rittler

**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.

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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.

*Students average test scores reflect a 76% class average. Moodle data for this on-line class shows many students wait until the last minute to complete on-line assignments and take exams.*

### **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.

*Students are tutored and advised during orientation as well as a video offering on how to succeed with an online class.*

### **Budget Justification**

Update textbook to include changes in technology

Update classroom equipment to keep pace with changes in technology

*No Changes required*