

## Course Outcomes AET-240 Capstone Project

**Course Title:** AET-240 Alternative Energy Technology Capstone Project

**Course Instructor(s):** Anthony Valente

**Programs:** Alternative Energy Technology

### **Expected Learning Outcomes**

The student will demonstrate the ability to apply all skills learned in the program to final project.

### **Assessment**

Assessments will include:

Reporting checkpoints to show organized and progressive levels towards the final goal of the project.

### **Validation**

1. Comparison of check point results with expected outcomes of the individual courses leading up to the final project.
2. The evaluation of student performance and ability to transfer knowledge the work environment.
3. The ability to be organized and professional during the project.

### **Results**

The results of the final project will show the level of retention of the classroom materials.

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

The results of the project 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.

### **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.

**Budget Justification**

Update reference materials to include changes in technology

Update classroom equipment to keep pace with changes in technology