

## Course Outcomes AET-240 Capstone Project

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

**Date:** Fall 17

**Course Team:** Greg Betz

### Expected Learning Outcomes

- Upon completion of the project students will have thru application of course materials, confirm the ability to function in a real world work environment in Alternative Energy.

### Assessment

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

### Validation

- Comparison of checkpoint results with expected outcomes of the individual courses leading up to the final project.
- The evaluation of student performance and ability to transfer knowledge the work environment.
- 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.
- **Fall 2017**
  - Class Size: 1
  - Average Grade A

### 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