



## **MOWER GRANT PROJECT**

The UMES Maryland Offshore Wind Energy Research (MOWER) 14-10 Project is seeking for immediate hire two (2) Graduate and two (2) Undergraduate Students to be a part of this exciting research project that is striving to assist the State of Maryland to establish cost effective and efficient Offshore Wind Farms. The research will focus on health monitoring of Offshore Wind Turbines with emphasis on cost reduction of Operations and Maintenance activities.

We are seeking students with the following skills/experiences:

- 1) Preferably students in Computer Science, Engineering or Technology.
- 2) Must express and demonstrate high interest in the project research area.
- 3) Excellent programming skills preferably in MatLab or at least advanced C++.
- 4) Reliable literature survey/review and excellent reporting skills.
- 5) Data Base creation and maintenance skills.
- 6) Experience with electrical circuits and sensors.
- 7) Modeling and simulation skills.
- 8) Programming experience in other projects is a plus.
- 9) Computer Aided Drafting (CAD) experience is a plus.

Interested students should submit applications which should include their departments, academic background and standing, related experiences and skills, and interest in the project. Current resumes and academic transcripts should be attached to the applications. Applications must be submitted on or before Friday October 10, 2014 to:

Project Director  
Dr. Joseph O. Arumala, PE, F. ASCE  
Construction Management Technology Program  
11931 Art Shell Plaza  
University of Maryland Eastern Shore  
Princess Anne, MD 21853