



ENGINEERING & AVIATION SCIENCE STUDENTS

Starting in the fall semester 2017, there is an on-campus opportunity for up to four UMES students to learn about wind and solar energy and help manage and



maintain the University's 100-meter meteorological tower and solar-powered wind research facility.

Students can earn a small stipend, depending on the amount of time they are willing to invest. Selection includes one or two trips to wind energy conferences in either Annapolis, Washington or Baltimore, where students will meet leaders from the renewable energy industry, academia and relevant government agencies.

The minimum time commitment is one hour per week and students should live near campus. No special skills are required, only an interest in solar and wind energy. No tower climbing is required (nor allowed, without training and equipment).

Beyond the estimated one-hour-per-week, investing more time is up to the student. Four-hours-per-week of instruction can be provided in person or on-line if students want to earn a certificate about wind physics, wind energy, solar energy, grid integration, off-grid power supply and wind resource assessment. Renewable



energy development also affects agriculture and aviation, so an understanding of wind and solar energy technology and policy can be a great supplement to those fields of study even though it is not officially part of the UMES curriculum.

Students who complete the one-semester program will receive a Certificate of Completion, although no class credits are granted. The position also involves working with RES Americas, a United Kingdom renewable energy developer that helps sponsor the meteorological tower and will assist in training. Please contact Bruce Williams at bmwilliams4@umes.edu as soon as possible, since space is limited for fall 2017.