



## Where Are They Now?

This interactive map shows where our graduates are currently working in the industry. You can click on the pins and get more information about what company they are working for and the type of job they are doing. We encourage you to check it out on our Facebook page, Cloud County Wind Energy Technology!

### Interested in Visiting the WET Program?

We welcome students and groups to visit and take a tour of our facilities. We are also available to do tailored presentations for your school or group.

FOR MORE INFORMATION, CONTACT:

**BRUCE GRAHAM, DEPARTMENT CHAIR / WIND ENERGY TECHNOLOGY**

Cloud County Community College

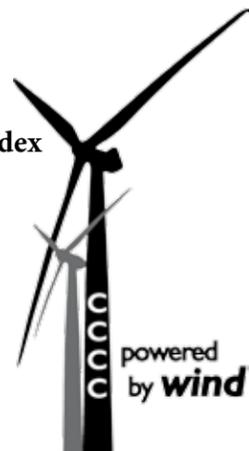
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**WEBSITE:** [www.cloud.edu/academics/programs/wind/index](http://www.cloud.edu/academics/programs/wind/index)

**FACEBOOK:** Cloud County Wind Energy Technology

**TWITTER:** CCCC Wind Energy



### Offshore Wind Energy is Making Progress in the U.S.

According to a report by the Department of Energy, there is significant progress in offshore wind power for the United States. There are currently 14 offshore U.S. projects which are in advanced stages of development. These projects have done baseline or geophysical studies, and they have obtained leases or power purchase agreements. In addition, two projects are now in the initial stages of construction. All of these projects combined represent 4,900 MW of potential offshore wind energy capacity.

Offshore wind energy creates jobs, and the industry is growing. According to the European Wind Energy Association, there are currently 78,211 people employed in offshore wind. This number is expected to rise to 119,029 in 2020. More countries are taking an interest in offshore wind energy, due to more consistent wind than onshore. Offshore wind is projected to be one of the biggest renewable energy sources in the future. Estimates are that offshore wind could reach 40 GW globally by 2020. That is good news for the wind energy job market!

*Information taken from reports by the Department of Energy and research firm GlobalData, Wind Systems Magazine, October 2014*



### Why Choose Wind Energy Technology at CCCC?

- Kansas ranks 2nd in the nation for potential energy production from wind.
- One of only 7 colleges in the entire nation to earn the AWEA Seal of Approval.
- Only college in Kansas approved to offer an Associate of Applied Science degree in Wind Energy Technology.
- First college in the nation to offer comprehensive Blade Repair and Substation Technician programs, complete with a training substation on campus.
- Operating wind farm on campus that powers the college's geothermal HVAC system and also provides invaluable hands on field training for the students.

# Wind Energy Technology Program News

Cloud County Community College

Winter 2014

## Substation Training Lab Ribbon Cutting

The Wind Energy Technology program hosted a Ribbon Cutting in November for the newly constructed Substation Training Lab. The Kansas Board of Regents presented the Employer Engagement Initiative Award to Westar Energy for their partnership on this project. The Substation Training Lab is the only one of its kind in the United States, giving Wind Energy students hands-on training and experience that they can only receive at Cloud County Community College.

The substation was made possible by the commitment and generosity of industry donors. Westar Energy donated the component parts and many hours of labor to build the Substation. Solomon Corporation refurbished the transformer and circuit breakers, and Michels Corporation donated the many truckloads of aggregate rock. The Wind Energy instructors and students also put in hours and hours of hard work to make the substation a reality. Thank you to all of the donors!





### Fall Wind Days a Success!

Students and teachers from across Kansas had the opportunity to attend one of two Fall Wind Days hosted by the Wind Energy Technology program, in partnership with Smoky Hill Education Service Center. Justin Steinbrock and Lucas Chavey from the Meridian Way Wind Farm each gave a presentation, along with Department Chair Bruce Graham. The presentations were followed by tours of the wind energy facilities. Thank you to everyone who helped make Fall Wind Days a success!



### Kansas Municipal Utilities Group

The Wind Energy Technology program welcomed the Kansas Municipal Utilities group as part of their Electrical Generation Training event in November. Members attended an informational wind energy presentation by Bruce Graham, followed by tours of the composite lab, wind turbines, and substation training lab. Thank you for visiting our program and being a great group!



### Composite Lab Open House

Many interested community members attended the Open House and Ribbon Cutting ceremony for the newly renovated Composite Lab in October. Senator Elaine Bowers was the featured speaker. Wind Energy students worked hard to help with everything from welcoming guests to demonstrating the new equipment in the lab. Thank you to everyone who helped with this exciting event!

The Composite Lab is a state-of-the-art facility thanks to a grant from the Department of Energy. The lab is now filled with the latest equipment needed to teach students the complex art of wind turbine blade repair. Blade repair is a highly technical field that is in high demand and growing. Graduates of the program will receive the hands-on experience they need to be successful Blade Repair Technicians.

