

Wind techs are in high demand, both here in northwest Missouri and across the nation. In fact, it's one of the fastest-growing occupations in America. Enel Green Power created 19 new full-time jobs here in Tarkio when our Rock Creek wind farm began operation in 2017. Even more opportunities will open up as our company builds new projects across the nation, including the White Cloud wind project under construction in Nodaway County. As a Tarkio native, I'm excited that Tarkio College is connecting students in our region to careers in the fast-growing wind industry.

**Corey Martin**  
Wind Site Supervisor  
Operations & Maintenance  
ENEL GREEN POWER

*The growth of the wind industry around the country has meant an incredible demand for people who are problem-solvers, willing to get their hands dirty, and want to be part of a team to operate and maintain high-tech wind turbines. With more than 60 wind farms in 20+ states, including here in Tarkio, we offer opportunities for motivated individuals who aren't just interested in hardware and technology, but will contribute to the successful future of homegrown renewable energy by combining their skills with our expertise.*

**Kody Koster**  
Plant Manager – Farmers City  
AVANGRID RENEWABLES

*It is the policy of the Tarkio Technology Institute not to illegally discriminate on the basis of race, color, national origin, gender, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact the Institute's Equity Coordinator, Sheridan Mires, 404 North 13<sup>th</sup> St., Tarkio, MO 64491, (660)623-9071*



**WIND ENERGY**



Tarkio Tech

**Rising to Meet the Blue-Collar  
Needs of the Region**

**Tarkio Technical institute**  
404 North 13<sup>th</sup> St.  
P.O. Box 231  
Tarkio, MO. 64491  
PHONE: (660) 623-9071  
info@tarkiotech.com

**WIND ENERGY TECHNOLOGY DIPLOMA  
(Credits for Completion: 40)**

The Wind Energy Technology diploma provides students with a basic understanding of wind energy technology. The program is designed to train students in safety, electricity, wind energy, hydraulics and generators. It will prepare participants for an entry-level position in the industry.

To obtain the Diploma in Wind Energy Technology, students must complete the Basic Wind Energy Technology Certificate (16 credits) and the Advanced Wind Energy Technology Certificate (15 credits). In addition to completing the two certificates in Wind Energy Technology, students are required to take Communications, English, and Applied Physics. Communication (Comm 101), English (ENG 103), and Applied Physics (PHY 103) are offered during the summer term, which is 8 weeks. Students learn and apply Math in the courses.

Students may take any individual course without being in the Wind Energy Program as long as they meet the course prerequisites, have the instructor's permission, and space is available in the class.

**WIND ENERGY TECHNOLOGY DIPLOMA  
(Credits for Completion: 40)  
TOTAL COST \$8330 includes  
One time \$20.00 Admissions Fee  
One time \$400.00 Equipment Fee**

Students are required to have 40 credits to receive the Wind Energy Technology Diploma in the following courses.

Description	Class Hrs	Lab Hrs	Total Weekly Hrs	Credits
ENG105 - Study Skills and Reading Competency	0	2	2	1
WE101- Introduction to Wind Energy	3	2	5	4
WE102 - Industrial Safety and Climbing Techniques	1	2	3	2
WE200 - Basic Electricity	2	2	4	3
WE210 - Electric Motors and Generators	2	2	4	3
WE250 - Basic Hydraulics	2	2	4	3
BP102 - Blueprint Reading - Wind Energy	2	2	4	3
WE103 - Wind Energy Maintenance and Repair	2	2	4	3
WE201- Advanced Electricity	2	2	4	3
WE230 - Mechanical Systems	2	2	4	3
WE260 - On-Site Training	1	4	5	3
COMM101- Communications	3	0	3	3
ENG103 - Writing and Inquiry	3	0	3	3
PHY103 - Applied Physics	2	2	4	3
<b>TOTALS</b>	<b>27</b>	<b>26</b>	<b>53</b>	<b>40</b>

**BASIC WIND ENERGY TECHNOLOGY CERTIFICATE  
(Credits for Completion: 16)**

**TOTAL COST \$3440 includes  
One time \$20.00 Admissions Fee  
One time \$200.00 Equipment Fee**

The Basic Wind Energy Technology Certificate provides students with an understanding of basic wind energy design and concepts and knowledge of systems and safety. Students also gain a foundation in wind energy history and future developments. The certificate can be completed in one semester.

Description	Class Hrs	Lab Hrs	Total Weekly Hrs	Credits
ENG105 - Study Skills and Reading Competency	0	2	2	1
WE101- Introduction to Wind Energy	3	2	5	4
WE102 - Industrial Safety and Climbing Techniques	1	2	3	2
WE200 - Basic Electricity	2	2	4	3
WE210 - Electric Motors and Generators	2	2	4	3
WE250 - Basic Hydraulics	2	2	4	3
<b>TOTAL</b>	<b>10</b>	<b>12</b>	<b>22</b>	<b>16</b>

**ADVANCED WIND ENERGY TECHNOLOGY  
CERTIFICATE**

**(Credits for Completion: 15)  
TOTAL COST \$3250 includes  
One time \$20.00 Admissions Fee  
One time \$200.00 Equipment Fee**

Description	Class Hrs	Lab Hrs	Total Weekly Hrs	Credits
BP102 - Blueprint Reading - Wind Energy	2	2	4	3
WE103 - Wind Energy Maintenance and Repair	2	2	4	3
WE201- Advanced Electricity	2	2	4	3
WE230 - Mechanical Systems	2	2	4	3
WE260 - On-Site Training	1	4	5	3
<b>TOTALS</b>	<b>9</b>	<b>12</b>	<b>21</b>	<b>15</b>