APPLIED ENGINEERING TECHNOLOGY PROGRAM PROVIDES TRAINING FOR Wind Energy and Technology Careers windenergy.dmacc.edu

Your wind energy future starts at DMACC.
A career that takes you to new heights.

“These aren’t just hot jobs, they are sizzling jobs. Wind energy grew by 45 percent last year. We need every type of job candidate.”

Christine Real de Azua, American Wind Energy Association Spokesperson (Quoted in Yahoo Hot Jobs)

Wind farms are springing up across Iowa.

Iowa’s huge open fields and relatively steady 18-mph wind make it an ideal location for wind turbines, and business is booming:

› Iowa generates the most kilowatts per square kilometer of any state and had nearly 3,000 turbines installed as of 2013.

› As of 2012, Iowa was generating 25% of its total electricity requirements from wind, the highest percentage of any state in the U.S.

› Iowa ranks third behind only Texas and California in total megawatts of wind energy produced.

› The wind in Iowa generates enough energy to power 1.1 million average-sized homes every year.

› Between 2009 and 2012, Iowa generation capacity nearly doubled, while national capacity grew by more than 350%.

› Since 1983, the wind power industry has invested nearly $5 billion in Iowa.

› Mid American Energy, as well as other large-scale electrical utilities, continue to add hundreds of wind turbines in Iowa as well as nationwide.

All of this has created exciting new job opportunities in the wind turbine industry.

Wind energy companies continue to invest heavily in Iowa and have a crucial need for workers who know how to build, operate, repair and maintain huge wind turbines.

That’s where you may fit in.

With a two-year Associate of Applied Science degree in DMACC’s Wind Turbine Technician program, you’ll be ready to land a high-skill, high-pay job with a secure future. You will be able to work in many areas of the country, including right here in Iowa.
SKILLS AND ABILITIES YOU WILL NEED
› Apply technical skills in mechanical and electronic equipment and repair
› Diagnose and repair industrial hydraulic and pneumatic systems
› Use digital electronic equipment in troubleshooting and repair
› Diagnose and repair power transmission systems

RECOMMENDED HIGH SCHOOL/BACKGROUND COURSES
› Blueprint Reading, Drafting, Electricity, Introduction to Computers, Welding

GRADUATE IN JUST TWO YEARS
Your first year will include these courses:
› Applied Math
› Introduction to Computers
› Principles of Electricity
› Communication Skills
› Mechanical Power Transmission
› Hand & Bench Machine Tools
› Motor Control

Your second year will include specialized training in wind turbine technology.

“This industry is booming and it’s only going to get bigger as the nation continues to put more emphasis on renewable fuels. As a result, there are tremendous opportunities for great-paying jobs and a fast career path to promotions.”

Darren North
Human Resources, Wind—Recruiter for FPL Group, the largest generator of wind energy in the nation.
DMACC’s Wind Turbine Technology classes are offered on the Ankeny Campus.

By registering for the Applied Engineering Technology Program, you’ll enjoy all of the benefits of attending DMACC, including low-cost tuition, small class sizes, and professors who genuinely care about your success.

If you’re comfortable with electrical equipment and computers, if you like engaging your mind while working with your hands, and if you have no problem with heights, wind turbine technology may be just the career opportunity you’ve been looking for.

If you’re interested in a wind energy career, DMACC is now accepting applications. Check it out at www.DMACC.edu.

PROGRAM ENTRY REQUIREMENTS

Getting started is as easy as 1, 2, 3

1. Complete a DMACC Application
2. Satisfy the COMPASS assessment testing requirement
3. Attend any required information/registration session

FOR MORE INFORMATION, CONTACT

DMACC ANKENY CAMPUS
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