



**Danville  
Area  
Community  
College**

# Wind Energy Technician AAS

An option of Industrial Maintenance  
Career Programs at Danville Area Community College

This program prepares individuals to work in the emerging wind power energy industry. Students will complete an industry-derived curriculum as they learn about the electrical power generation industry, safety at the worksite, mechanical devices, as well as hydraulic and electrical systems. Graduates enter the workforce with the skills necessary to be employed and succeed in entry-level technical positions and with additional training and experience may advance to supervisory or advanced technical positions.

## First Semester

- Introduction to Wind Energy
- Introduction to Maintenance
- Introduction to Electricity/Electronics
- Technical Math I

## Second Semester

- Wind Turbine Materials and Electro Mechanical Equipment
- Programmable Controllers
- Electrical Diagnosis and Repair
- Digital Electronics
- Communication Skills

## Third Semester

- Wind Power Delivery Systems
- Mechanical Diagnosis and Repair
- Business Computer Systems
- Humanities Elective
- Technical Communications

## Fourth Semester

- Wind Turbine Troubleshooting
- Pneumatics and Controls
- Hydraulic Diagnosis and Repair
- Employment Seminar
- Social Science Elective

## Job/Employment Information:

Wind Energy is an emerging field. Based on the number of planned and announced projects in Illinois and across the nation, the need for this specialty is growing rapidly. The base pay for a Wind Energy Technician is estimated between \$16-\$30 per hour, with an average work week of 40-45 hours.

Visit our website at [www.dacc.edu](http://www.dacc.edu) or contact Bruce Rape, Dean of Business and Technology, at 217-443-8786 for more information. TTY 217-443-8701.

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