

**THIS IS A CAREER DEGREE.
IT IS NOT DESIGNED TO TRANSFER TO A FOUR YEAR UNIVERSITY.**

**Danville Area Community College
2020-2021**

Wind Energy Technician
Associate in Applied Science Degree

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. This is an occupational program typically not designed to transfer; however, this program has been articulated to some senior institutions. Please contact a counselor for specific details.

REQUIRED COURSES	HOURS	F,S,I,SU	GRADE
First Semester			
WIND 100 Introduction to Wind Energy	4		
MFRG 105 Mechatronics I	3		
ELEC 160 Introduction to Electricity/Electronics	5		
MATT 133 Technical Math I	4		
Total	16		
Second Semester			
WIND 150 Wind Turbine Materials and Electro Mechanical Equipment	4		
ELEC 269 Mechatronics III	3		
MFRG 230 Electrical Diagnosis and Repair	4		
ELEC 273 Digital Electronics	4		
ENGL 121 Communication Skills	3		
Total	18		
Third Semester			
WIND 200 Wind Power Delivery Systems	4		
MFRG 220 Mechanical Diagnosis and Repair (pre: MFRG 105)	4		
MFRG100 Industrial Safety (OSHA 30 Hour)	3		
Humanities Elective	3		
ENGL 122 Technical Communications	3		
Total	17		
Fourth Semester			
WIND 250 Wind Turbine Troubleshooting	4		
ELEC 250 Mechatronics IV	4		
MFRG 231 Mechatronics V	4		
INFO 245 Employment Seminar	1		
Social Science Elective	3		
Total	16		

Total Hours 67