

WIND POWER TECHNOLOGY



SUCCEED HERE

HIGH DEMAND FIELD!

Questions?

Contact
admissions@nmcc.edu

CAREER OPPORTUNITIES

Graduates of the program will find employment opportunities with:

- Wind farm operators
- Turbine manufacturers
- Contractors providing maintenance & turbine support

Graduates will be suited to enter the workforce locally or to enter the global energy industry.

APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. Submit an NMCC application.
2. Submit official high school transcript and/or HiSET/GED scores (current senior's transcript should include completed ranking period grades).
3. Official college transcripts for applicants who have attended other post-secondary schools.
4. If SAT scores are not available, placement testing may be required.
5. Meet with an Admissions Counselor.
6. A campus tour is highly recommended.

PROGRAM PURPOSE

Wind power technology is a certificate program that prepares technicians to enter this rapidly emerging industry. The program offers broad fundamental training in the electrical, electronic, and mechanical aspects of the wind power industry, with a focus on wind turbine maintenance and electrical power production. The program offers electricity, industrial electronics, industrial safety, mathematics, and general education core courses. This program also provides training on turbine drive systems including networking and PLCs, hydraulic systems, and power distribution systems.

WIND POWER TECHNOLOGY Certificate Program

First Semester			C	L	CR
>	ELS 115	Basic Electricity / Electronics	3	0	3
>	ELS 116	Basic Electricity / Electronics Lab	0	6	2
	MAT 121	Technical Mathematics	4	0	4
>	WPT 110	Safety Fundamentals for Wind Technicians	2	3	3
>	WPT 114	Introduction to Wind Power Industry	2	3	3
>	WPT 119	Wind Turbine Drive Systems	2	3	3
			13	15	18

Second Semester			C	L	CR
>	ELS 124	Industrial Electronics	2	3	3
>	ELS 125	Motors and Controls	2	3	3
	ENG 111	English Composition	3	0	3
>	WPT 213	Wind Power Control Systems	2	3	3
>	WPT 214	Wind Power Delivery Systems	2	3	3
>	WPT 215	Troubleshooting Automated Systems	2	3	3
			13	15	18

> Major courses; a minimum grade of "C" or 2.0 is required

Key: C= Class Hours, CR= Credit Hours, L= Laboratory

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NMCC is an equal opportunity/affirmative action institution and employer. For more information, please call 768-2791.

2022-2023