

ELECTRICAL MAINTENANCE TECHNOLOGY

One-Year Certificate

Wind Turbine Maintenance Technology

This one -year certificate covers all methods of safely and effectively evaluating and maintaining commercial wind turbine equipment. The program is a partnership with a local company to train wind turbine maintenance technicians to troubleshoot and maintain wind turbines. This type of work typically involves out-of-state travel.



**ENGINEERING TECHNOLOGY
CERTIFICATE PROGRAM**

WIND TURBINE MAINTENANCE TECHNOLOGY

ONE-YEAR CERTIFICATE

TECHNICAL Course Number	Course Title	Credits	Completed Sem./Year
MST121	Blue Print Reading	2	
AETXX1	Sustainable/Alternative Energy Sources	3	
AITXX2	Analysis / Applications of Wind Turbine Energy	3	
AIT134	Predictive / Preventive Maintenance Technologies I	3	
MST221	Mechanical Drive Components	3	
EST130	Electrical Circuits and Devices	4	
AIT222	Predictive / Preventive Maintenance Technologies II	3	
AITXX3	Wind Turbine Energy Systems	3	
TOTAL		24	
BASIC/RELATED Course Number	Course Title	Credits	Completed Sem./Year
EMSXXX	First Responder	1	
ENV123	OSHA 10-Hour Safety Orientation	1	
ECA122	Computer Applications for Technical Professionals	3	
MTH125	College Algebra	4	
TOTAL		9	
TOTAL CREDIT HOURS		33	

***One-Year Certificate
Wind Turbine Maintenance Technology***

Wind Turbine Maintenance Technology

<u>Semester I</u>		<u>Credit Hours</u>	<u>Prerequisite</u>
EMSXXX	First Responder	1	
MST121	Blue Print Reading	2	
AETXX1	Sustainable/Alternative Energy Sources	3	
MST221	Mechanical Drive Components	3	
ECA122	Computer Applications for Technical Professionals	<u>3</u>	
		12	
<u>Semester II</u>			
AITXX2	Analysis / Applications of Wind Turbines	3	AETXX1
*MTH125	College Algebra	4	MTH101
EST130	Electrical Circuits and Devices	4	MTH101
AIT134	Predictive Maint. Tech I	<u>3</u>	
		14	
<u>Semester III</u>			
AITXX3	Wind Turbine Energy Systems	3	AITXX2
ENV123	OSHA 10-Hour Safety Orientation	1	
AIT222	Predictive Maint. Tech II	<u>3</u>	AIT134
		7	
	TOTAL CREDITS	33	

Rope and Rescue course is offered as a non-credited course.

* = Based on COMPASS score