

# ALTERNATIVE ENERGY TECHNOLOGY - WIND TURBINE, SHORT-TERM TECHNICAL CERTIFICATE

advising-and-counseling). (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling>)

**More program information can be found on our website.**  
(<https://www.lorainccc.edu/engineering/alternative-energy/wind-turbine-short-term-certificate>)

Curriculum Code #6352

Effective May 2017

Division of Engineering, Business and Information Technologies (<http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies>)

The wind turbine technology short-term technical certificate encompasses a wide range of electrical, mechanical and computer skills required to compete in the emerging alternate energy – wind turbine industry. Individuals will be prepared for a range of analysis, installation and maintenance assignments associated with the wind turbine industry. Typical job responsibilities will include design, testing, R&D, service, maintenance and installation assignments. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

Course	Title	Hours
<b>Fall Semester</b>		
ALET 111	INTRODUCTION TO ALTERNATIVE ENERGY	3
ELCT 111	ELECTRICAL CIRCUITS I	3
MTHM 121	TECHNICAL MATHEMATICS I <sup>1</sup>	4
SDEV 101	COLLEGE 101 <sup>2</sup>	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
	Hours	14
<b>Spring Semester</b>		
ALET 112	ALTERNATIVE ENERGY MECHANICAL SYSTEMS <sup>1</sup>	4
ELCT 121	DIGITAL ELECTRONICS <sup>1</sup>	4
PEFT 185	ROPES COURSE	1
TECN 121	FLUID POWER	3
	Hours	12
	<b>Total Hours</b>	<b>26</b>

<sup>1</sup> Indicates that this course requires a prerequisite.

<sup>2</sup> A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

Program Contact(s):

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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your Advising and Counseling Team (<https://www.lorainccc.edu/admissions-and-enrollment/>)