

# ALTERNATIVE ENERGY TECHNOLOGY - WIND TURBINE, ONE-YEAR GENERAL CERTIFICATE

Curriculum Code #6351

(Not offered 2024-2025)

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

The wind turbine technology one-year general 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.

## First Year

Fall Semester		Hours
ALET 111	INTRODUCTION TO ALTERNATIVE ENERGY	3
ELCT 111	ELECTRICAL CIRCUITS I	3
ENGL 161	COLLEGE COMPOSITION I	3
MTHM 155	TECHNICAL MATHEMATICS I	4
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY <sup>2</sup>	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
	<b>Hours</b>	<b>17</b>

## Spring Semester

AETC 121	PROGRAMMABLE LOGIC CONTROLLERS	3
ALET 112	ALTERNATIVE ENERGY MECHANICAL SYSTEMS <sup>1</sup>	4
ELCT 121	DIGITAL ELECTRONICS <sup>1</sup>	4
TECN 121	FLUID POWER SYSTEMS	3
Social Science Elective <sup>3</sup>		3
	<b>Hours</b>	<b>17</b>
	<b>Total Hours</b>	<b>34</b>

1

Indicates that this course requires a prerequisite.

2

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.

3

Select any Social Science Ohio Transfer 36 (<http://catalog.lorainccc.edu/academic-information/transfer-module-requirements/>) course.

Program Contact(s):

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