

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

Curriculum Code #6351

(Not offered 2019-2020)

Effective May 2019

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 121	TECHNICAL MATHEMATICS I ¹	4
SDEV 101	COLLEGE 101 ²	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
Hours		17

Spring Semester

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

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.

HSTR 161	UNITED STATES I	3
HSTR 162	UNITED STATES II	3
HSTR 171G	THE WORLD SINCE 1900	3
HSTR 252G	WOMEN IN WORLD HISTORY	3
HSTR 267G	AFRICAN AMERICAN HERITAGE	3
PLSC 156	AMERICAN NATIONAL GOVERNMENT	3
PSYH 151	INTRODUCTION TO PSYCHOLOGY	3

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>).

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

Social Science Electives

Code	Title	Hours
HSTR 151G	CIVILIZATION I	3
HSTR 152G	CIVILIZATION II	3