

ALTERNATIVE ENERGY TECHNOLOGY - SOLAR TECHNOLOGY, ONE-YEAR TECHNICAL CERTIFICATE

Curriculum Code #6356

(Not offered 2023-2024)

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

The solar technology one-year technical certificate prepares the student for a range of analysis, installation and maintenance skills associated with the solar thermal 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
ALET 112	ALTERNATIVE ENERGY MECHANICAL SYSTEMS	4
ELCT 111	ELECTRICAL CIRCUITS I	3
MTHM 155	TECHNICAL MATHEMATICS I	4
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ¹	1
Hours		15

Spring Semester

ALET 222	SOLAR THERMAL SYSTEMS ²	4
ALET 223	PHOTOVOLTAIC SYSTEMS ²	4
ELCT 227	NATIONAL ELECTRIC CODE ²	2
ENGL 161	COLLEGE COMPOSITION I	3
Select one of the following:		3
Arts and Humanities Elective ⁴		
Social Science Elective ⁵		
Hours		16
Total Hours		31

1

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.

2

Indicates that this course requires a prerequisite.

3

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

4

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/>).