

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

Curriculum Code #6356

(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 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 121	TECHNICAL MATHEMATICS I	4
SDEV 101	COLLEGE 101 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	
	Social Science Elective	
	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.

Arts and Humanities and Social Science Electives

Code	Title	Hours
ARTS 243G	ART HISTORY I	3
ARTS 244G	ART HISTORY II	3
ARTS 245G	WORLD ART	3

ARTS 246	HISTORY OF PHOTOGRAPHY	3
ARTS 254	HISTORY OF AMERICAN ARCHITECTURE	3
ENGL 251	AMERICAN LITERATURE I	3
ENGL 252	AMERICAN LITERATURE II	3
ENGL 253G	INTRODUCTION TO WORLD LITERATURE	3
ENGL 254G	INTRODUCTION TO HISPANIC LITERATURE	3
ENGL 255G	INTRODUCTION TO FICTION	3
ENGL 257G	INTRODUCTION TO POETRY	3
ENGL 259G	INTRODUCTION TO DRAMA	3
ENGL 261G	MASTERPIECES OF BRITISH LITERATURE I	3
ENGL 262G	MASTERPIECES OF BRITISH LITERATURE II	3
ENGL 266G	AFRICAN AMERICAN LITERATURE	3
ENGL 269G	INTRODUCTION TO SHAKESPEARE	3
HSTR 151G	CIVILIZATION I	3
HSTR 152G	CIVILIZATION II	3
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
HUMS 151G	INTRODUCTION TO HUMANITIES	3
HUMS 261G	INTRODUCTION TO GREAT BOOKS: ANCIENT WORLD TO THE RENAISSANCE	3
HUMS 271G	INTRODUCTION TO MYTHOLOGY	3
HUMS 274	FILM APPRECIATION	3
MUSC 261G	MUSIC APPRECIATION	3
MUSC 262G	MUSIC AS A WORLD PHENOMENON	3
PHLY 165	BIOETHICS	3
PHLY 262G	INTRODUCTION TO EASTERN PHILOSOPHY	3
PLSC 151G	COMPARATIVE POLITICS	3
PLSC 156	AMERICAN NATIONAL GOVERNMENT	3
PLSC 157G	CONTEMPORARY WORLD PROBLEMS	3
PSYH 151	INTRODUCTION TO PSYCHOLOGY	3
RELG 181G	INTRODUCTION TO WORLD RELIGIONS	3
RELG 261	RELIGION IN AMERICA	3
RELG 262G	INTRODUCTION TO EASTERN PHILOSOPHY	3
SOCY 151G	INTRODUCTION TO SOCIOLOGY	3
THTR 151G	INTRODUCTION TO THEATER	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/solar-technology-one-year-certificate>)