

Get started on an
in-demand career.



ALTERNATIVE ENERGY - PHOTOVOLTAIC TECHNOLOGY

Associate of Applied Science

JOB OPPORTUNITIES FOR GRADUATES

Installing and maintaining solar photovoltaic systems, sales of solar photovoltaic system, solar resource assessment, installation manager for photovoltaic systems, manufacturing of photovoltaic components.

SALARY

Median \$40,200 to \$75,140 annually (Source: O*Net.)

LOCATION

Toledo-area Campus

REQUIRED COURSES

1ST SEMESTER

ENG 111	Composition I*	Credits: 3(Lec: 3)
MTH 151	Applied Algebra	Credits: 2(Lec: 2)
STM 105	Technology in Society	Credits: 2(Lec: 2)
ENV 110	OSHA General Safety	Credits: 3(Lec: 3)
ALT 110	Intro to Alternative Energy	Credits: 3(Lec: 3)
IST 131	Computer Concepts and Apps	Credits: 3(Lec: 3)

2ND SEMESTER

ENG 112	Composition II*	Credits: 3(Lec: 3)
MTH 152	Applied Geometry/Trig	Credits: 2(Lec: 2)
PHY 151	Industrial Physics-Mechanics	Credits: 2(Lec: 2)
EET 100	Fundamental DC Analysis	Credits: 3(Lec: 2 Lab: 3)
ALT 140	Photovoltaic Power	Credits: 3(Lec: 2 Lab: 3)
CAD 115	Introduction to AutoCAD	Credits: 3(Lec: 2 Lab: 3)

3RD SEMESTER

QCT 205	Project Planning & Implem.	Credits: 2(Lec: 2)
SPE 101	Public Speaking	Credits: 3(Lec: 3)
PHY 152	Industrial Physics-Ht Li Sound	Credits: 2(Lec: 2)
ALT 220	Photovoltaic Systems I	Credits: 3(Lec: 2 Lab: 3)
AIM 110	Principles of Mechanical Sys	Credits: 3(Lec: 2 Lab: 3)
AIM 121	Power Distribution Control Sys	Credits: 3(Lec: 2 Lab: 3)

4TH SEMESTER

ENV 115	OSHA 30 hour Const Safety	Credits: 3(Lec: 3)
EET 165	Automation Control: PLC I	Credits: 2(Lec: 1.50 Lab: 1.50)
PSY 111	Indust/Organization Psych	Credits: 3(Lec: 3)
ALT 240	Photovoltaic Systems II	Credits: 3(Lec: 2 Lab: 3)
_____	Elective	Credits: 3(Lec: 3)

*Select 3 Elective credits from: ALT 120, ALT 130, ALT 160, ALT 200, AIM 120, AIM 140, or CAD 125

*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

For more information, visit www.owens.edu or call:

Office of Admissions

Toledo-area Campus - (567) 661-7777
Findlay-area Campus - (567) 429-3509

School of Science, Technology, Engineering and Mathematics

(567) 661-7470



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