

alternative energy technician

GENERAL COURSE INFORMATION

The Alternative Energy Technician program will provide students with the skills to pursue a career in the alternative energy and green careers. The student will be instructed through mastery learning conditions and field study workshops arranged with local contractors. This program is taught in partnership with Coconino Community College.

LOCATION

Flagstaff

LENGTH OF PROGRAM

Four Semesters

SUGGESTED HIGH SCHOOL COURSES

DE MAT 140 or higher and English;
Construction; Drafting

GRADE LEVEL REQUIREMENT

Sophomores | Juniors | Seniors

CLASS SCHEDULE

Afternoon classes 2:30 - 3:45pm

Evening classes 5:30 - 8:15pm OR
6:00 - 9:00 p.m.

Weekend classes per CCC schedule

CREDITS

27 Community College credits

COURSE OFFERINGS*

CTM 111 - Plumbing

CTM 123 - Building Construction Methods I

CTM 124 - Building Construction Methods II

CTM 115 - Intro to Wood Working

CTM 138 - Intro to Solar Applications

CTM 132 - Solar Water Heating

CTM 150 - Basic Electrical Theory

CTM 250 - Innov. & Altern. Bldg. Techniques

CTM 236 - Photovoltaics & Windpower

CTM 130 - Blueprint Reading

*Courses are subject to availability and the community college scheduling.

PLACEMENT REQUIREMENT

Cumulative GPA of 3.0 OR AAF Score of 237+

OR ACT Math Score of 21+ OR

DE Math 140 prior to the second year

CERTIFICATES

Uponor Logic for Plumbing Certificate of Training;
OSHA 10

CAREER OPPORTUNITIES (snapshot)

Photovoltaic and Wind Power Installation |
Sustainable Architecture | Engineering

2020 MEDIAN WAGE

\$20.98/hour

As reported in the BLS Occupational Employment Statistics



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