

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 the Coconino Community College.

LOCATION

Flagstaff

LENGTH OF PROGRAM

Four Semesters

SUGGESTED HIGH SCHOOL COURSES

Dual enrolled mathematics and English
Construction, Drafting

GRADE LEVEL REQUIREMENT

Juniors | Seniors

CLASS SCHEDULE

Afternoon classes 2:30 - 3:45 p.m.
Evening classes 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

Accuplacer Math Score of 40+ 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; NCCER

CAREER OPPORTUNITIES (snapshot)

Photovoltaic and Wind Power Installation |
Sustainable Architecture | Engineering

2016 MEDIAN WAGE

\$18.87/hour

As reported in the BLS Occupational Employment Statistics

