

# environmental technology 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

## TYPICAL CLASS SCHEDULE

Afternoon classes 2:30 - 3:45pm  
Evening classes 5:30 - 8:15pm OR  
6:00 - 9:00 p.m.  
Some 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

Placement test requirements have been waived, even if you haven't taken the ACT, SAT, or ACCUPLACER. Students will be able to register for classes through self-placement, without the need for a placement exam or other exam score. Please refer to <http://coconino.edu/course-placement>

## CERTIFICATES

Upon Logic for Plumbing Certificate of Training; OSHA 10

## CAREER OPPORTUNITIES (snapshot)

Photovoltaic and Wind Power Installation | Sustainable Architecture | Engineering

## 2021 MEDIAN WAGE

\$20.98/hour

As reported in the BLS Occupational Employment Statistics



*Annual Public Notification of Nondiscrimination* - CAVIAT does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. CAVIAT Career and Technical Education department does not discriminate in enrollment or access to any of the programs available in all the member districts. CAVIAT also does not discriminate in its hiring or employment practices.