

# 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

DE MAT 140 or higher and English;  
Construction; Drafting

### GRADE LEVEL REQUIREMENT

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

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; NCCER

### CAREER OPPORTUNITIES (snapshot)

Photovoltaic and Wind Power Installation | Sustainable Architecture | Engineering

### 2018 MEDIAN WAGE

\$18.98/hour

*As reported in the BLS Occupational Employment Statistics*

