

environmental technology: alternative energy

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

Week day afternoons/evenings, per CCC
class 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

Please refer to CCC Placement Grid at: <https://www.coconino.edu/course-placement>

CERTIFICATES

CCC Environmental Technology: Alternative
Energy Intermediate Certificate, OSHA 10. Upon
Logic for Plumbing Certificate of Training

CAREER OPPORTUNITIES (snapshot)

Photovoltaic and Wind Power Installation |
Sustainable Architecture | Engineering



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