

ZERO NET ENERGY CERTIFICATE OF ACHIEVEMENT

The Zero Net Energy (ZNE) Certificate is designed to offer the students a broad overview into the energy conservation industry and includes cross-disciplinary courses in Energy Systems, Heating Ventilation and Air Conditioning, Architecture, Computer Information Systems, and Building Inspection Technology. Completion of the ZNE Certificate is especially beneficial for support staff currently working in the energy sector, such as an Energy Auditor, Energy Consultant, ZNE Technician, Green HVAC Technician, Facility Management, Construction Management and Solar Residential Technician.

Code	Title	Units
Required Courses:		
CIT 101	Introduction to Computer Literacy	3
ELEC 050	Zero Net Energy Building Science	4
ELEC 021	Blueprint Reading for Building Energy Systems	3
INSPEC 017	California State Energy Regulations for Residential Buildings	3
TECALC 087	Technical Calculations	4
WKEXP 099	General Work Experience	1-4
Total Units		18-21

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

This is a Gainful Employment Program

Program Learning Outcomes

At the completion of this program, students will be able to:

- Apply critical thinking skills to execute daily duties in their area of employment.
- Display the skills and aptitude necessary to pass (Industry Recognized Credentials) certification exams in their field.
- Exhibit effective written, oral communication and interpersonal skills.