

PROGRAM OF STUDY

ZERO NET ENERGY (ZNE) Certificate of Achievement

The Zero Net Energy (ZNE) Certificate is developed to offer 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. The completion of the ZNE Certificate is especially advantageous for support staff currently working in the energy sector and when combined with other defined certificates within the ZNE industry, students will have the technical background that can lead to industry recognized credentials and careers as an Energy Auditor, Energy Consultant, ZNE Technician, Green HVAC Technician, Facility Management, Construction Management and Solar Residential Technician.

Career Opportunities in Energy Systems Technology

1. Support staff for employers involved in energy projects: Service Manager, Sales personnel, Data entry personnel, Warehouse Managers and Marketing Support. In addition to supporting staff, ZNE construction and building industry trades.

Required Courses:

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| ESYS 004 | Industrial Calculations | 3 |
| ESYS 005 | Zero Net Energy Building Science | 4 |
| ARCH 011 | Architectural Blueprint Reading | 3 |
| BIT 024 | California Energy Codes | 3 |
| CIS 010 | Computer Literacy | 4 |
| CIS 012 | Professional Office Procedures | 3 |

Total Units

20

PID 241