

Energy Training

Butte College Contract Training

Level II
**Energy Auditor
Training**

Level I
Need a Boost?

Energy Workshops

Level I

Need a Boost?



Program Modules

80 Hours

- Basic Math
- Stats & Measures
- Metrology
- Reading Blueprints
- Intro to Process Technology
- Working in Teams
- Communication in the Workplace

Participants

- Young Adults
- New Individuals to Building & Energy Field

Objectives

- Provide “boost up” to begin career in energy industry
- Provide opportunity to be aware first-hand of local energy field jobs available
- Link participants to local energy field businesses

Level II Energy Auditor Training

Program Modules

18 Hours

- Energy Audit Techniques
- Hands-on Project
- Mentoring Partner
- “Ride Along”
- Industry Link

Participants

- Energy Boost Grads
- Experienced Contractors
 - Independent, VCE Members, Dislocated Workers

Objectives

- Provide knowledge & hands-on experience to complete energy audit
- Provide application with completion of class project
- Provide mentoring opportunity for participants with energy audit expert to witness audit, discuss best practices from beginning to end
- Provide information on energy audit certification options



Level III

Energy Enhancement Workshops

How to Complete a Bid for Energy Efficient Projects

Program Modules

4 Hours

- How to Complete Bid
- How to Articulate Cost Benefit
- Tools Available to Assist
- State & Federal Rebates for Cost & Installation

Participants

- Experienced Construction Field Labor Electricians, Plumbers, HVAC

Objectives

- Provide tools & information to complete bid for energy efficient project
- Provide knowledge of resources and rebates available to complete energy efficient bid
- Apply knowledge and skill with practice articulating cost benefit to a client

Pathways Connecting Generations: Student Energy Audit Training (SEAT)



Student Energy Audit Trainer and Engineer Richard Engel (kneeling) poses with another successful group of Student Energy Auditor Training participant.

Location: HSU Humboldt State University

Participants

- Local High School Students
- Local Middle School Students

Objectives

- Provide basic understanding of energy theory & how to perform audit
- Provide opportunity to apply knowledge by performing audit in their own school & report findings to local principal
- Create awareness of how student body energy consciousness evolved
- Partner high school students with middle school student as mentors to demonstrate leadership skills

Program Modules

3-4 Days

- Lecture
- Hands-on Experiments with Audit Tools
- Final Project
 - Complete energy audit in identified classrooms
 - Class report of findings to student body/ principal
 - Written report to school board of findings