



## ***Commercial Buildings Energy Assessment Program***

### **Introduction**

In March 2021, the US Department of Energy issued a funding opportunity announcement for grant opportunities for the Industrial Assessment Program, known as IAC. These grant opportunities have been issued through the Dept of Energy since 1976. Currently there are 35 colleges and universities participating in the program. Oregon State University has been a successful participant since 1987. The IAC program provides assessments to manufacturing facilities on energy efficiency while providing training for the next generation of energy engineers.

This past year, the DOE expanded the IAC to include small to medium size commercial buildings and to include qualified student interns from community colleges or other technical programs.

A partnership between Oregon State University and Lane Community College Energy Management Program was a natural fit for this Pilot Program. In October 2021, OSU and Lane CC Energy Management were selected to the program.

The goal of the **Commercial Building Energy Assessment** program is as follows:

- Provide building energy assessments of existing small to medium commercial buildings (less than 100,000 sq. ft.)
- Expand the workforce of building efficiency professionals.
- Partner with building efficiency students from community colleges and technical programs.
- Include facilities located in disadvantaged communities.

Building assessment teams will typically consist of 2-3 student interns along with an instructor engaged in the program. Energy audits will follow established best practices identified within the energy auditing field. Results from the audits will in in report format and will consist of current energy use profiles, along with identified energy savings opportunities for your facility.

### **Team Members:**

Our team members include faculty from Oregon State University and Lane Community College Energy Management Program. Interns are students at both OSU and Lane CC.

### **Key Faculty:**

Dr. Karl R. Haapala PhD.

OSU School of Mechanical, Industrial and Manufacturing Engineering

Roger Ebbage, CEM

Lane Community College Energy Management

Suzanne Marinello, P.E.

Instructor at OSU College of Architectural Engineering and Lane CC Energy Management

For commercial building energy assessment please contact:

Suzanne Marinello P.E.

[marinellos@lanecc.edu](mailto:marinellos@lanecc.edu)