



South Seattle
Community College

**TRAINING FOR CAREERS IN
COMMERCIAL BUILDING
SUSTAINABILITY**

Scholarship training available for qualified applicants. Classes start February 22nd, 2012.

Commercial Energy Auditing Parts 1 & 2

Do you have a background in:

- Building operations and controls?
- Electrical contracting?
- Architecture?
- Electronics?
- Property management?
- Residential Energy Auditing?
- General contracting?

This could be the course for you!

Students will learn the science and application of energy efficiency in commercial buildings.

With current industry software, students will audit and recommend a lighting upgrade as well as a new design to improve the energy efficiency of an existing space.

The successful student will be able to:

- Perform a level I commercial building audit
- Recommend upgrades to existing systems appropriate for immediate implementation
- Understand the science behind energy efficiency in the built environment
- Set up and manage an ENERGY STAR® portfolio



Please see
reverse side for details.



Are you eligible?

1. 18 or older
2. Registered with Selective Service (for men born in 1960 or later) or have entered the U.S. after age 26
3. Eligible to work in the United States
4. Need training related to the energy efficiency or renewable energy industries



Georgetown Campus
South Seattle Community College
6737 Corson Ave S
Seattle, WA 98108
<http://georgetown.southseattle.edu>

Commercial Energy Auditing — Level I Part 1 & Part 2

Schedule: Part 1 February 22nd—March 28th. Mondays and Wednesdays 5 - 9 p.m., Saturdays 2/25, 3/3, 3/17, and 3/24 9 a.m. - 5 p.m. Part 2 April 9th—May 12th, Mondays and Wednesdays 5 - 9 p.m., Saturdays 4/14, 4/21, 5/5, and 5/12 9 a.m. to 5 p.m. Some lectures may be offered online. Students must be able to access and use computers accordingly.

Description: This course combines class and field study in order to teach the basics of successfully auditing a commercial facility for energy use. It includes curriculum that is certification-based for HVAC and lighting systems. The successful student will learn to assess and report on the status of energy use for simple commercial buildings, recommend a path forward for further investigation, and identify low/no cost upgrades and capital improvement projects.

Upon completion, students will be able to:

- Review and assess existing ENERGY STAR® Portfolio Manager files
- Perform basic lighting audits, identify HVAC systems and controls, and report field condition and performance issues
- Provide meaningful data to an energy engineer
- Prepare a list of low cost/no cost improvements to increase energy efficiency

Pre-requisites: COMPASS English scores equivalent to 11th grade reading and writing level or, transcript showing 2.0 GPA in equivalent English class. Course requires high school level algebra and computer literacy including Excel, prior experience with basic energy calculations and basic financial data preparation for project proposals. Exceptions by permission of the instructor.

Questions? Want to sign up?

Please contact:

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Questions About Course Content?

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