Building Operator Training

For Non-Profit Organizations and Small Businesses

A Better Planet Begins in the *Workplace*

Would you like your building to be more comfortable AND have lower utility bills?

The Saskatchewan Environmental Society and Affinity Credit Union have joined forces to help **non-profit organizations and small businesses** **learn how to operate their buildings more efficiently**.

Sponsored by

Affinity Credit Union

Saskatoon:
February 2, 2018, 9:30am to 4:30pm
Affinity Credit Union
Avenue P and 20th Street, Saskatoon

Note time and location change

http://environmentalsociety.ca/programs/building-operator-training/

This 1-day seminar is suitable to whoever operates your building – whether it is the Executive Director, or a facility operator.

Learn how to efficiently operate your lighting, electrical equipment, heating, ventilation and cooling, and reduce your water use.

Sponsored and Hosted by Affinity Credit Union, you can attend this seminar for only $30 per person - $15 if you or your organization are Affinity members. (Usual cost per person is $240.) Participants receive:

- 6 hours of training,
- a 100 page manual on efficient building operation,
- a certificate of completion,
- lunch and snacks.

Saskatchewan Environmental Society's professional instructors will deliver the sessions using plain language, suitable for either technical or non-technical attendees:

- Ted Cooke, P.Eng. HDA Engineering, is a mechanical engineer, and experienced HVAC design engineer (HVAC)
- Angie Bugg, P.Eng. Saskatchewan Environmental Society, works with small businesses and non-profit organizations to identify energy conservation upgrades in their facilities. (Lighting, Electrical, and Water)

For more information, contact:

- Angie Bugg, Energy Conservation Coordinator, Saskatchewan Environmental Society
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The Saskatchewan Environmental Society is a non-profit, registered charity whose mandate is to work towards a world in which all needs can be met in sustainable ways. Sustainability requires healthy ecosystems, healthy livelihoods and healthy human communities.

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Participants in Building Operator Training Workshops will learn the following:

Lighting:

- the difference between demand and consumption, and how each impact energy and cost savings
- lighting basics: factors of visibility, light levels, color, and color temperature
- advantages, disadvantages, applications and operational savings for various types of lighting
- daylighting
- use of controls to improve lighting conditions and reduce consumption
- outdoor lighting

Electrical Equipment:

- energy monitoring
- what load scheduling is and how it applies to energy and cost savings
- advantages, disadvantages, applications and operational savings for various appliances
- energy efficient operation of compressed air systems, car plugs, electric heat, and other equipment
- solar energy

Water:

- the connection between water conservation and energy conservation
- water efficient selection and maintenance of showers, toilets, faucets and other fixtures
- energy efficient operation of domestic hot water systems
- water efficient operation of outdoor irrigation and sprinklers, and options for landscaping

HVAC:

- overall operation of Heating, Ventilation, and Cooling Systems
- energy efficient operation and trouble shooting for thermostats, fans, motor controls, building automation systems, heat recovery, condensing heating systems
- Indoor Air Quality as it relates to energy efficiency
- advantages, disadvantages, and applications of ground source heat pumps and solar technologies

Saskatchewan Environmental Society

Affinity Credit Union