



# BOMA EDUCATION

## Building Knowledge One Course at a Time



### BUILDING SYSTEMS ESSENTIALS FOR BUILDING OPERATORS

#### Course 1: Air Conditioning & Refrigeration Systems

Half-Day Webinar

BOMA Ottawa, in partnership with Algonquin College, are proud to offer again an education series for building operators.

The Building Systems Essentials for Building Operators is a series of half day "hands-on" seminars aimed to help Building Operators better understand how buildings function.

#### COURSE OUTLINE:

The second course of the series will introduce Building Operators to air conditioning and refrigeration systems. Operators will be provided with general knowledge and a good understanding of the following:

- Principles of Refrigeration
- Air Conditioning Process
- Types of Air Conditioning Systems
- Central Plants (i.e: Chillers and Cooling Towers)
- System Components (i.e: compressor, condenser, evaporator)
- System Operations (i.e: free cooling, efficiency techniques, scheduling, etc.)
- Controls
- Maintenance procedures and checklists
- Relevant Acts, Standards, Codes, and Regulations
- Safety Precautions and Environmental Concerns (i.e: Air Borne Diseases)

The course material is developed by BOMA Ottawa and Algonquin College and will be delivered by an Algonquin College instructor as an on line course.

**Scott Howes** is a Engineering Specialist with extensive experience and knowledge in Building Automation Controls and in HVAC technology. Scott has been in the Building Controls Industry for over twenty years in the Ottawa area.

In addition, Scott has been a Professor of part-time studies at Algonquin College since 2010 for the Building Environmental Systems Operator Class II program. Scott has a Bachelor of Science Degree in Industrial Electronics from Sam Houston State University.

After completing his degree he received his teaching certificate from Sam Houston State University.

To register for this course, please complete the information below and e-mail the completed form to [administration@bomaottawa.org](mailto:administration@bomaottawa.org) or fax the completed form to us at **613-563-3908**.

**LOCATION:** On Line Presentation  
(Details provided following registration)

**DATE**            March 11, 2021            8:30 a.m. to 12:00 p.m.

**COST:**            \$300.00 plus HST (Total \$339.00)

#### METHOD OF PAYMENT:

Cheque (payable to "BOMA Ottawa") OR

Visa             MasterCard            (Amex not accepted)

Card Number: \_\_\_\_\_

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Name: \_\_\_\_\_  
(as it appears on Credit Card)

#### REGISTRANT INFORMATION:

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

If paying by cheque, please include this form and mail it, along with your cheque, payable to BOMA Ottawa after you have faxed or e-mailed your registration to:

BOMA Ottawa  
1005-141 Laurier Avenue West, Ottawa ON K1P 5J3

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