



Georgia

BUILDING OPERATOR CERTIFICATION ENERGY EFFICIENCY THROUGH OPERATOR TRAINING

BUILDING OPERATOR CERTIFICATION (BOC®) is a nationally-recognized training and certification program for building operators offering improved job skills and more comfortable energy-efficient facilities. Building engineers, building services managers, maintenance supervisors, O&M technicians, electricians, skilled trades, and facilities specialists have benefited from participating in BOC training. Certification provides a credential for professional development and offers employers a way to identify skilled operators. BOC saves money for companies by improving the energy efficiency of heating and cooling systems, and enabling operators to be proactive in compliance with environmental regulations affecting facility operations and maintenance.

BOC Level I is intended for those with two or more years of experience in building operation and maintenance, who wish to broaden their knowledge of the total building system.

To receive BOC Level I certification, participants must attend eight one-day classes and successfully complete open book tests and facility on-site projects. Classes consist of lecture, discussion, small group exercises, and facility tours. Facility projects require participants to demonstrate competence in locating building equipment, distribution pathways, and control points; calculating facility energy consumption; critiquing HVAC systems operation; and, sketching the facility's electrical distribution system.

CLASS SCHEDULE

The classes will be held from 8:00 am to 4:00 pm (BOC 102 & 103A&B held from 7:30 am until 4:30 pm) at Gwinnett Technical College, 5150 Sugarloaf Parkway, Lawrenceville, GA 30043. Cost for BOC Level I training is \$1375.00.

<u>Course Name</u>	<u>Date</u>
BOC 101 – Building Systems Overview	August 4, 2010
BOC 107 – Facility Electrical Systems	August 25, 2010
BOC 102 – Energy Conservation Techniques	September 15, 2010
BOC 103A – HVAC Systems & Controls	October 6, 2010
BOC 103B – HVAC Systems & Controls	October 7, 2010
BOC 104 – Efficient Lighting Fundamentals	October 27, 2010
BOC 105 – O&M Practices for Sustainable Buildings	November 17, 2010
BOC 106 – Indoor Air Quality	December 8, 2010

- Understand how buildings use energy
- Learn to benchmark buildings using the ENERGY STAR® Portfolio Manager
- Describe energy conservation measures and practices to help customers reduce energy costs
- Learn how to conduct a lighting survey and review HVAC controls
- Network and foster relationships with other professionals in the class
- Enhance professional skills with a recognized credential in the commercial building operations industry

Find additional Building Operator Certification (BOC®) information at Gwinnett Technical College Office of Continuing Education at 678/226-6502 or website: www.gwinnettttech.edu/ce

REGISTRATION INFORMATION: The registration fee includes classroom instruction in the full course series of Level I, a set of course workbooks, project assignments, and certification materials. Register at <https://aceweb.gwinnettttech.edu/wconnect/CourseStatus.awp?~104SEMI993A>

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