

# CIUS BUILDING PERFORMANCE LAB



## Continuing Education 2009 - 2010

*Since the announcement of Mayor Bloomberg's PlaNYC 2030, the City of New York has undertaken several energy efficiency projects for its existing buildings. The NYC Building Performance Lab has identified several opportunities to serve, and one of them is by offering special training for building managers and operators. The NYC Department of Citywide Administrative Services and the International Union of Operating Engineers Local 94 Training Center are two agencies that have benefited from this program. We're proud to announce that the courses offered in spring 2009 have been extended for two more semesters (fall 2009 and spring 2010) with added participation from other organizations as well.*

### NYC Department of Citywide Administrative Services

The NYC Department of Citywide Administrative Services (DCAS) is a vital branch of New York City government. DCAS is charged with the support all other city agencies as well as with the maintenance of municipal buildings. In total it manages over 12 million square feet of space, including many landmark-designated buildings.

In 2007, the City of New York announced PlaNYC 2030, a long-term strategy for the sustainability of the five boroughs. The City committed to cut energy use in its municipal buildings by 30% of 2007 levels by 2017. In partnership with the Lab, DCAS is training the operating engineers of municipal buildings in the skills necessary to manage more energy efficient systems.

The course, Principles of Energy Management and Green Building Practice, was introduced in the spring of 2009. It was developed in coordination with the [Energy Services and Technology degree program](#) at Bronx Community College and was taught by Lab Director Michael Bobker. Twenty-five building operators participated in the program. Students had the opportunity to pursue the nationally recognized [Building Operator Certification](#).



The development of municipal building operators' skills has only just begun. DCAS will continue to partner with the Lab, and together, they've announced two more semesters of courses.

## IUOE Local 94 Training Center and the BOC

The same course is being offered at the International Union of Operating Engineers Local 94. Students have the unique opportunity of working toward a BOC (Building Operators Certification), being offered at no cost. The program has the strong support of [Vornado Realty Trust](#) and [NYSERDA](#), a major local supporter of certification programs.

The BOC certification focuses on training for building operators and managers by helping them gain valuable skills, job experience, which will result in more comfortable and efficient facilities.

For duration of fifteen weeks, 25 students learn the skills necessary to enter the green workforce as well as the technical ability to better manage their facilities. They learn about building systems especially as related to energy use. The curriculum includes the following topics; thermal comfort, lighting and air quality, understanding of building loads, mechanical and electrical systems and life-safety considerations.

Both courses are currently being assessed using questionnaires completed by students at the start and the end of the semesters. The results will be available at a later date.

Joining the continuing education program for the next semesters is the real estate firm Cushman Wakefield. They have already committed to sending their property managers to take part in the Lab's training program.



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