



Job Title	Building Science and Systems Educator
PVN ID	VA-2405-006272
Category	Instruction and Social Service
Location	OFFICE OF SR. UNIV DEAN FOR ACADEMIC AFFAIRS
Department	CUNY Building Performance Lab
Status	Part Time
Hourly Rate	\$75.00-\$90.00
Hour(s) a Week	0.00-34.00
Closing Date	Jul 13, 2024 (Or Until Filled)

General Description

Organizational Description:

CUNY Building Performance Lab (CUNY BPL) advances high-performance building operations and practices in existing commercial, public, and multi-family residential buildings. We focus on improving efficiency and optimizing building operations through training, coaching, energy data analytics (monthly and real-time meter data), building energy modeling (EnergyPlus and others), measurement and verification (IPMVP and ASHRAE protocols), HVAC systems, building controls, data acquisition (via BAS or field equipment), and operational improvements via Pacific Northwest National Lab's Building Re-tuning protocol.

The CUNY BPL Training Department provides continuing education programs for facility managers, building operators, and energy professionals, and it supports building operations research and development. Under this umbrella, the Training Department recently added workforce development training for newcomers to the building performance industries. CUNY BPL also runs an extensive internship program for CUNY students that provides real world experience and hands-on work in each of the organization's program areas.

CUNY BPL staff have expertise in a wide range of areas related to building systems, operations, and data, and the design process. CUNY BPL Training engages both private and public sector clients, including city, state, and federal agencies.

General Description:

CUNY BPL is hiring a part-time Building Science & Systems Educator for its Energy and Carbon Management Training Program. This position will require direct engagement in the delivery of high-quality training, participation in client discussions, and curriculum development on a flexible, part-time schedule.

Other Duties

- Collaborate on curriculum development and instructional design, providing expertise as an in-house subject matter expert.
- Conduct training and/or coaching sessions tailored to professionals in the building performance industry, adhering to a part-time schedule.
- Prepare and deliver concise summary reports and reviews for training sessions, as needed.

Qualifications

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Required:

- Proficiency in building construction processes, especially retrofitting for energy and carbon emissions reduction.
- Solid understanding of HVAC system operations and building controls.
- Proven experience in delivering technical instruction within the building performance sector.
- Bachelor's or Master's degree in a relevant field (e.g., engineering, architecture, construction) or equivalent experience.
- Strong written and verbal communication skills.

Preferred:

- Professional certifications such as AEE Certified Energy Manager (CEM), BPI Energy Auditor, or similar.
- At least three years of experience with building systems in design, commissioning, or operations.
- Familiarity with project management fundamentals.
- Experience in developing training materials and working with building automation systems.
- Knowledge of local energy codes and regulations.

This part-time role is ideal for experienced professionals who seek to contribute to the field of building science education while maintaining flexibility in their schedule. The position offers an opportunity to impact the industry positively by shaping the skills and knowledge of current and future building professionals.