
Job Title	Senior Building Science Educator
PVN ID	VA-2310-005933
Category	Instruction and Social Service
Location	OFFICE OF SR. UNIV DEAN FOR ACADEMIC AFFAIRS
Department	CUNY Building Performance Lab
Status	Full Time
Annual Salary	\$85,000.00 - \$95,000.00
Hour(s) a Week	35
Closing Date	Dec 24, 2023 (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, energy professionals, and it supports building operations research and development. The Training Department recently added workforce development training for newcomers to the building performance industries. And CUNY BPL 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 in both private sector and public sector clients including city, state, and federal agencies.

General Description:

CUNY BPL seeks a Senior Building Science Educator to support multiple projects for the CUNY BPL Training Department. This staff member will be central to CUNY BPL's training organization with direct involvement in training, client discussions, and curriculum development.

Other Duties

Duties:

Job activities include some or all of the following:

- Support Curriculum Development and Instructional Design as an in-house Subject Matter Expert
- Conduct training and coaching for a variety of trainees from the building performance industries
- Develop training resources, e.g., case studies, playbooks, energy saving calculation methodologies
- Support development and maintenance of training partnerships and industry outreach
- Prepare summary reports and reviews for training sessions
- Other duties as assigned

Qualifications

Qualifications:

The ideal candidate will bring the following education, skills, and experience to this position:

Required

- Knowledge of building construction processes, including retrofit for energy and carbon emissions reductions
- Knowledge of HVAC system operations, including air systems, central heating and cooling plant, air and water distribution systems, sequences of operations, and controls
- Minimum three years of experience with existing building systems in a design, commissioning and/or operational capacity
- Experience providing technical training for professionals with advanced certifications, licenses, or college degrees.
- Experience working with building operators and energy professionals on HVAC related energy efficiency projects.
- Bachelor's or Master's degree in engineering (mechanical, energy, electrical, facilities), architecture, construction, operations, related field, or equivalent study and experience
- Familiarity with project management operations, including project planning, scope development, project tracking, and close-out.
- Strong written and verbal communication skills

Preferred

- AEE: Certified Energy Manager (CEM); Certified Building Commissioning Professional (CBCP) or Existing Building Commissioning Professional (EBCP) credentials
- BPI: Energy Auditor; Quality Control Inspector
- Working knowledge of Building Automation Systems
- Experience developing training materials, especially using Learning Management Systems for both synchronous and asynchronous course delivery
- Familiarity with NY City and State energy codes
- Demonstrated ability to effectively manage multiple projects