

BUILDING SCIENCE & CLEAN TECHNOLOGY

BPI BUILDING ANALYST PROFESSIONAL - INTRODUCTION TO HOME ENERGY AUDITING

Prepares students to perform “whole-house” energy assessments, identifying a building’s problems at the root cause and prescribing and prioritizing solutions based on building science principles. Upon successful completion of the written and field exams, students receive Building Analyst Certification. Approved by New York State Bureau of Veterans Education for payment of VA Education Benefits.

Approved for 8.5 BPI CEUs.

Prerequisite: Basic building science background strongly recommended.

Reference textbook: *Residential Energy*

ISBN: 978-1880120231 Instructor: N. Jen

DCB 1842 M-F 11/11-15 8am-5pm SRC, Kelder \$995

Class on Friday is from 9-11am and is held at KSU in Kingston.

BPI WRITTEN EXAMS

Written Exams are \$200 each when taken with a BPI class and \$400 each on all other dates. All written exams are by appointment and subject to a \$200 non-refundable fee. Exams are held at the Kingston Center.

To register call 845-339-2025.



DCB 1025	BPI Building Analyst Written exam
DCB 1026	BPI Building Envelope Written exam
DCB 1635	BPI Building Heating Professional Written exam
DCB 1262	BPI Building A/C Heat Pump Written exam

BPI FIELD EXAMS

All field exams are by appointment and subject to a \$200 non-refundable fee. Exams are held in Kelder located on the SRC. To register call 845-339-2025.

DCB 1143	BPI Building Analyst Field exam	\$400
DCB 1149	BPI Building Envelope Field exam	\$400
DCB 1150	BPI Building Heating Professional Field exam	\$400
DCB 1270	BPI Building A/C Heat Pump Field exam	\$400

BPI INFILTRATION & DUCT LEAKAGE (IDL) CERTIFICATION FIELD EXAM

Subject to a \$200 non-refundable fee. To register call 845-339-2025.

DCB 8380	by appointment	SRC	Kelder	\$400
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HEP ENERGY AUDITOR

Written exam	DCB 1268	by appointment	\$500
Field exam	DCB 1269	by appointment	\$600

HEP QUALITY CONTROL INSPECTOR

Written exam		by appointment	\$600
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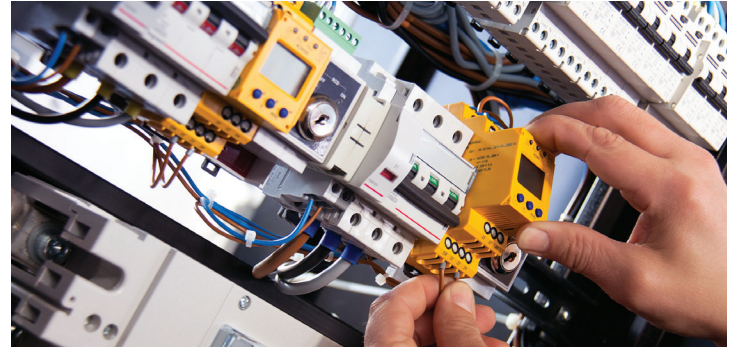
SUNY Ulster’s Kelder Test House is an approved field test site for both the BPI Energy Auditor and BPI Quality Control Inspector Certifications.

MATHEMATICS FOR MANUFACTURING & TECHNICAL CAREERS

Course is geared towards those that need a math refresher before beginning the PV training or other technical training. Mathematical operations including fractions, exponents, basic algebra and trigonometry will be reviewed. Prerequisite: Basic Mathematics. Instructor: R. Eckmann

DCB 2064 W 9/18-10/30 6-8:30pm KSU \$199

No class 10/9



ELECTRICAL THEORY I BASICS

Topics covered will include components of the atom, how electrons flow through conductors, conductivity, series and parallel circuits, voltage and current resistance, AC and DC voltage, and Ohm’s Law. Course includes a lab component.

DCB 1947 M 10/21-11/18 4:30-7:30pm KSU \$199

PHOTOVOLTAICS (PV) SYSTEMS RECOGNIZED BY NABCEP

Course will be offered spring 2020.

DCB 1795

CAREER NEWS

A new career map, Careers in Climate Control Technology (<https://hvaccareermap.org/>), provides a first-of-its-kind interactive, visual tool to showcase the employment opportunities that exist in the swiftly growing HVAC/R industry – Heating, Ventilation, Air Conditioning and Refrigeration.

The challenge is that HVAC/R training programs at community colleges and other institutions struggle to get students interested in their programs. This new career map offers a powerful tool that can be used by educators, career advisors, students, military veterans, employers, policy makers, workforce professionals and others to see the wide variety of high-quality jobs that exist in the industry. It also illustrates how advancement is possible after just a few years of experience.

The map identifies five sectors within the industry – residential, commercial, sales and marketing, automated controls, and design and engineering. It highlights 40 jobs and more than 150 advancements between those jobs and across sectors.