



**JASON WILLEY**  
POLICY MANAGER  
ARKANSAS ENERGY OFFICE

## WILLEY JOINS ARKANSAS ENERGY OFFICE

Jason Willey may be new to the Arkansas Department of Energy and Environment and his role as the Arkansas Energy Office (AEO) Policy Manager, but he has been here long enough to know that he has a lot to learn. Settling into his new position, Willey identified his biggest challenge as getting up-to-speed on all of the programs under the umbrella of Arkansas Energy, as well as learning all the office-specific vocabulary.

Manager of Strategic Energy Initiatives Chet Howland said, “Jason has already jumped into his role with both feet. As AEO’s responsibilities continue to grow, his enthusiasm and past management experience will be crucial to our continued success.”

Willey said that he’s particularly excited about advancing the DC (Direct Current) Fast Charging EVSE (Electric Vehicle Supply Equipment) funding assistance program—one of the programs created under the Volkswagen Settlement, but he’s also enthusiastic about all of the work being done under Clean Cities and with Energy Efficiency Arkansas. Willey, who has a bachelor’s degree in political science and international studies from Rhodes College, is no stranger to coordinating a lot of moving parts. His professional experience includes working for a company that owns and manages properties like Park Plaza Mall.

Although Willey spent most of his teen years in Conway, he didn’t graduate from Conway High School. Instead, he was in the first graduating class of the Arkansas School for Mathematics and Sciences in Hot Springs. Outside of the office, Willey enjoys working in film and theatre—doing everything from acting and film production to directing.



**CHET HOWLAND**  
STRATEGIC ENERGY  
INITIATIVES MANAGER  
ARKANSAS ENERGY OFFICE

If you know of an individual, program, or organization that has received recognition in the energy efficiency field, please let us know so we can highlight their achievement.

### UPCOMING EVENTS

DATE	EVENT	CITY
JAN. 4	Dumas Chamber of Commerce	Dumas
JAN. 6	Alzheimer Public Library	Alzheimer
JAN. 7	Lafayette County Library	Lewisville
JAN. 19	2022 Arkansas Municipal League Hybrid Winter Conference	Little Rock
JAN. 26	Pine Bluff Public Library	Pine Bluff
FEB. 7	Yell County Senior Activity Center	Dardanelle
FEB. 9	Ralf D. Graf Library	Mulberry
FEB. 21	SE Arkansas Regional Library	Lake Village

### RECENT EVENTS

DATE	EVENT	INSTRUCTOR	CITY
NOV. 30	Calhoun County Library	John Fetherston	Hampton
DEC. 3	Alma Senior Center	John Fetherston	Alma
DEC. 6	Madison County Senior Activity Center	John Fetherston	Huntsville

### UPCOMING TRAININGS

DATE	EVENT	CITY
ONGOING	Building Science Principles online course & exam	Online

### RECENT TRAININGS

DATE	EVENT	INSTRUCTOR	CITY
OCT. 18	Building Operator Certification	Clint Christenson	Online
DEC. 2	Duct Blaster & Blower Door Training	Tom Hunt	Harrison
DEC. 9	Duct Blaster & Blower Door Training	Tom Hunt	Forrest City



#### FOR MORE INFORMATION, CONTACT:

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# What is the certificate?

Earning the Building Science Principles (BSP) Certificate of Knowledge proves that you have basic knowledge of building science. Building science demonstrates how various components of a home interact to affect the home's overall performance.

The BSP Reference Guide, available in both English and Spanish, teaches you some of the widely-used industry terminology and concepts related to building science.

Understanding the relationships between the building envelope, heating, AC, insulation, mechanical ventilation, and other systems of the home will help you understand how these systems affect the comfort, health, and safety of its occupants.

You can study the guide and then challenge the online exam from your computer to earn the BSP certificate.

**To learn more about the BSP, please visit [bpi.org/certificate](http://bpi.org/certificate) or email [bsp@bpi.org](mailto:bsp@bpi.org).**

The BSP certificate proves your basic knowledge of building science.

Please note: The BSP certificate is not a professional certification. To learn more about BPI certifications, visit [bpi.org/certification](http://bpi.org/certification).



“This guide is easily readable and well-illustrated: a powerful resource for filling in gaps in building science knowledge.”

*-Daniel Lea, Cellulose Insulation Manufacturers Association*

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Founded in 1993, the Building Performance Institute (BPI) is the nation's premier certification and standard-setting organization for home performance professionals.

BPI is a 501(c)(3) nonprofit organization accredited by the American National Standards Institute, Inc. (ANSI) as a developer of American National Standards and as a certifying body for personnel credentials. BPI develops the technical standards for home energy audits and for energy efficiency, health, and safety improvements.

From these standards, BPI develops rigorous online and field exams for BPI's professional certifications.

[bpi.org](http://bpi.org)  
[info@bpi.org](mailto:info@bpi.org)

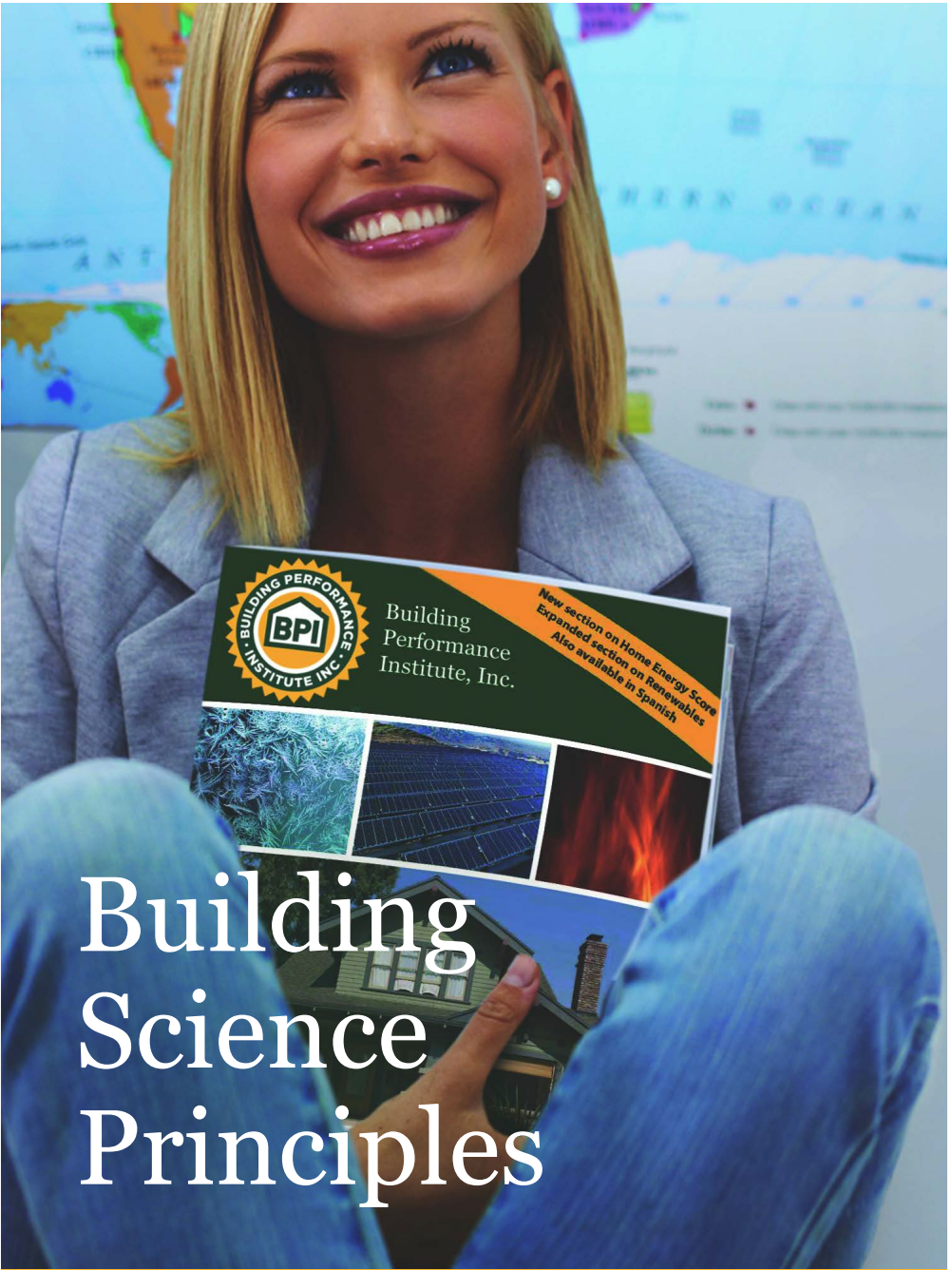
Building Performance Institute, Inc.  
107 Hermes Road, Suite 210  
Malta, NY 12020

Phone: (518) 899-2727  
Toll-Free: (877) BPI-1BPI  
Fax: (518) 899-1622



The symbol of excellence for home performance contractors

SM



# Building Science Principles

The Building Science Principles certificate is your first step into the world of home performance.

[bpi.org](http://bpi.org)



SM



WHO SHOULD GET THE CERTIFICATE



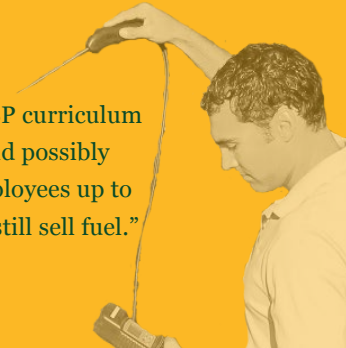
Who should get this certificate?

- The Building Science Principles (BSP) Certificate of Knowledge is designed for a variety of audiences, including:
- Remodelers and home improvement contractors
  - Insulation, HVAC, and window installers
  - Employees of contracting companies
  - Community college students interested in a career in the building trades
  - Vocational or technical trade students
  - Secondary school students interested in environmental sustainability
  - Realtors
  - Energy-related product manufacturers and their distributors
  - Sales representatives
  - Homeowners and renters

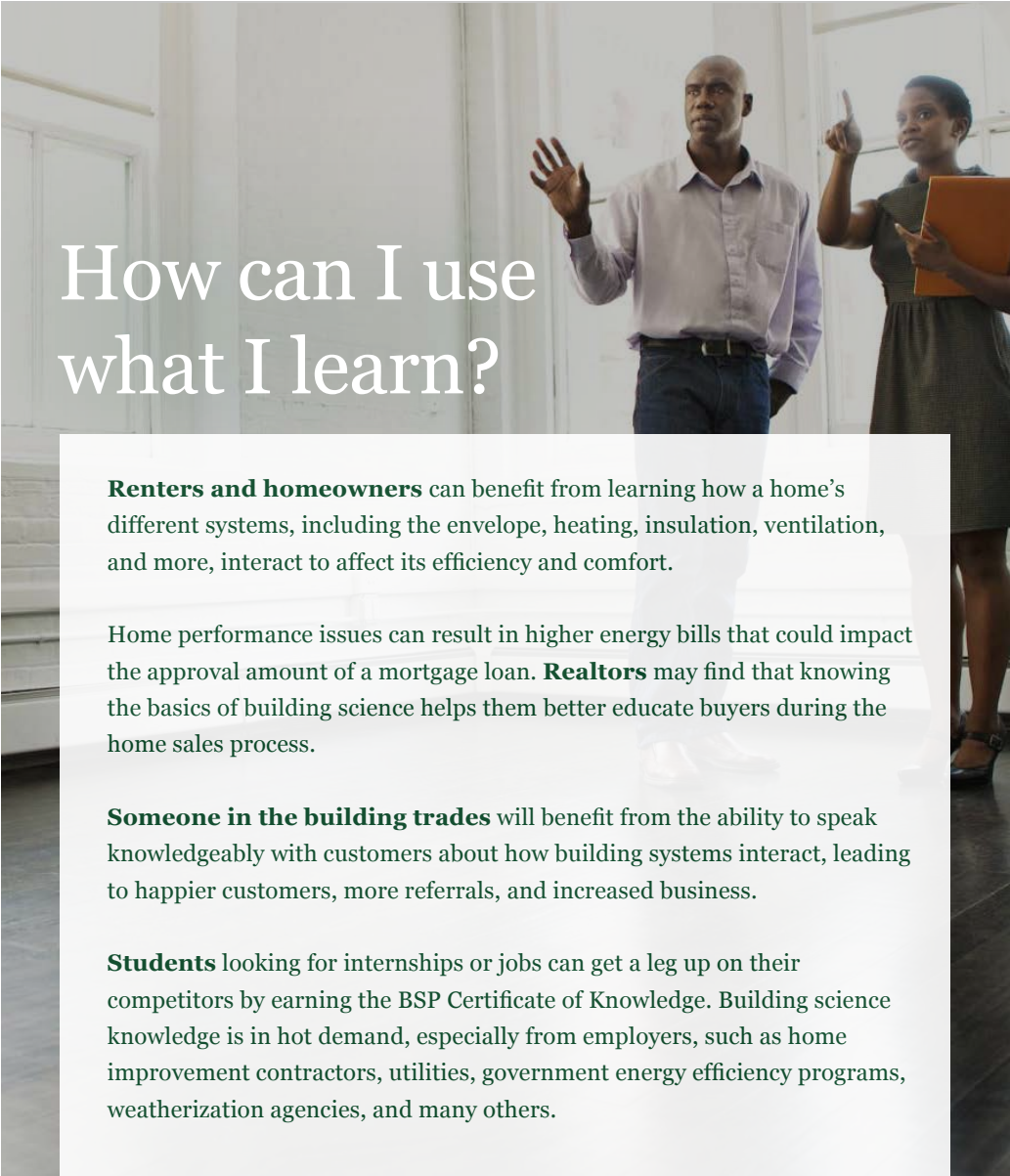
Case Study: Home Performance Contractor

**BantamWesson** is an HVAC and energy efficiency company. 85% of their staff obtained the Building Science Principles (BSP) Certificate of Knowledge.

“The BSP curriculum enlightened our customer service representatives, our sales people, our oil delivery guys, and senior management on how understanding the house as a system can help each and every conversation they have with our customers. Although our HVAC technicians are already knowledgeable on this, the BSP curriculum helped them to convey concepts to the homeowner and possibly upsell our other services. The BSP helped get our employees up to speed on why we offer energy efficiency services and still sell fuel.”



VALUE OF THE CERTIFICATE



How can I use what I learn?

**Renters and homeowners** can benefit from learning how a home’s different systems, including the envelope, heating, insulation, ventilation, and more, interact to affect its efficiency and comfort.

Home performance issues can result in higher energy bills that could impact the approval amount of a mortgage loan. **Realtors** may find that knowing the basics of building science helps them better educate buyers during the home sales process.

**Someone in the building trades** will benefit from the ability to speak knowledgeably with customers about how building systems interact, leading to happier customers, more referrals, and increased business.

**Students** looking for internships or jobs can get a leg up on their competitors by earning the BSP Certificate of Knowledge. Building science knowledge is in hot demand, especially from employers, such as home improvement contractors, utilities, government energy efficiency programs, weatherization agencies, and many others.

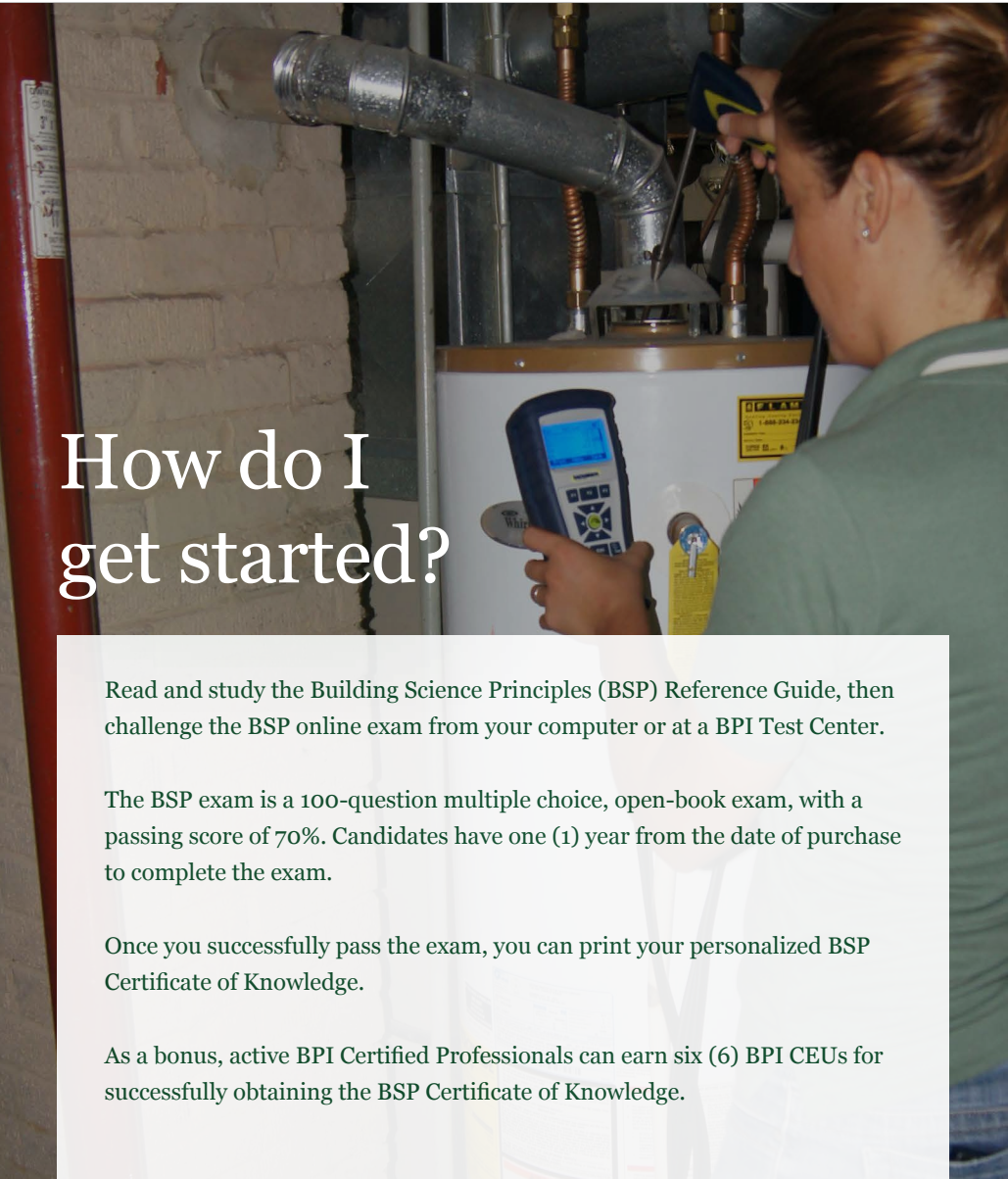
Case Study: High School Workforce Development

The **Green STEP program**, an **Energize Connecticut** collaborative, prepares Connecticut technical high school students for green industry jobs. So far, **over 110 students** and **144 construction and science teachers** have obtained the Building Science Principles (BSP) Certificate of Knowledge.

“The BSP lays the foundation for building science education. The BSP training course empowers anyone who takes it to talk intelligently about buildings, areas of concern that need weatherization, and the immediate health, safety, and performance benefits that come from building correctly and addressing problems. High school students that obtain the Certificate of Knowledge increase the value of their future employment.”



GETTING STARTED



How do I get started?

Read and study the Building Science Principles (BSP) Reference Guide, then challenge the BSP online exam from your computer or at a BPI Test Center.

The BSP exam is a 100-question multiple choice, open-book exam, with a passing score of 70%. Candidates have one (1) year from the date of purchase to complete the exam.

Once you successfully pass the exam, you can print your personalized BSP Certificate of Knowledge.

As a bonus, active BPI Certified Professionals can earn six (6) BPI CEUs for successfully obtaining the BSP Certificate of Knowledge.

Case Study: Technical Institute

The **Wichita Technical Institute (WTI)** HVAC/R program provides the training students need to begin successful careers in the field. WTI offers Building Science Principles (BSP) training to HVAC students as a way of incorporating house-as-a-system concepts into the overall program. At the end of the training, students take the exam to obtain the accompanying BSP Certificate of Knowledge.

“The Building Science Principles exam has been perfect for HVAC/R students at WTI. The study material is current and well-written, and the knowledge the students walk away with is invaluable.”

