

SHERWOOD RESIDENTS LEARN ABOUT HOME ENERGY EFFICIENCY

John Fetherston, who facilitates the Energy Efficiency Arkansas program of the Arkansas Energy Office, reached out to the City of Sherwood to offer energy efficiency and conservation education for our residents. I invited him to our monthly senior citizen luncheon and educational program. On June 13, John came to the Sherwood Senior Citizens Center to present on energy efficiency . The amount of interest in home energy efficiency from our active seniors in Sherwood impressed me. John shared several well-received tips about saving energy and lowering home energy costs. Our seniors asked numerous questions about energy efficiency measures and programs as well as about savings measures offered by utility providers. John used an interactive approach of “Myth or Truth” to gain and maintain audience interest. Prizes for correct answers included light bulbs (we all know costs for these have increased tremendously) as well as other neat prizes. I came away with useful energy efficiency and conservation tips I am excited to put into action.



VIRGINIA R. YOUNG
CITY OF SHERWOOD MAYOR

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	
AUG. 10	White Hall Library	White Hall	
AUG. 15	Boone County Senior Center	Harrison	
AUG. 22	Crossett Public Library	Crossett	
AUG. 24	Marion County Senior Activity & Wellness	Flippin	
SEPT. 10	SouthArk Expo '22	El Dorado	
SEPT. 13	Pike County Public Library	Murfreesboro	
SEPT. 22	Malvern-Hot Spring County Library	Malvern	
OCT. 3	Ashdown Community Library	Ashdown	
OCT. 3	Foreman Public Library	Foreman	
OCT. 5	Lafayette County Library	Lewisville	
OCT. 11	Alma Senior Activity Center	Alma	
NOV. 7	Elkins Senior Activity & Wellness Center	Elkins	

RECENT EVENTS			
DATE	EVENT	INSTRUCTOR	CITY
JULY 18	Stone County Library	John Fetherston	Mountain View

UPCOMING TRAININGS		
DATE	EVENT	CITY
DEC. 31	Building Science Principles online course and exam	Online

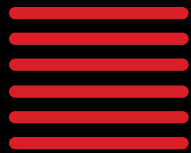
RECENT TRAININGS			
DATE	EVENT	INSTRUCTOR	CITY
JUNE 28	Optimization of HVAC System Performance—UA Ft. Smith	John Fetherston	Ft. Smith
JULY 11	Energy Efficiency Practitioner	John Fetherston	Little Rock



FOR MORE INFORMATION, CONTACT:

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JOHN FETHERSTON
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john.fetherston@adeq.state.ar.us



Energy Efficiency Arkansas and Arkansas Association of Energy Engineers (AAEE) Present: Arkansas Energy Management Training Program

Energy Auditing for Building Success Seminar and Workshop

Dates: August 9th (Bakery District) & 10th (UAFS Campus)
Time: 9am-4pm

Energy Seminar

Fee

\$35 for Members
\$50 for Non-Members
EEA subsidized

Instructor

Clint Christenson, CEM

Continuing Education

12 Prof Devt Hours

Time

9am-4pm CT

Location

Day 1: UAFS Center for
Economic Development
Day 2: UAFS Campus
Links & Registration
On ArkansasAEE.org

For more information:
501-604-5888

Arkansas Chapter



The Association
of Energy Engineers

Learning Objectives

- Understand Sources and Costs of Energy
- Investigate Equipment for Energy Costs Savings
- Identify where Energy is being Consumed
- Execute a Level 1 Audit on UAFS Campus

Registration Details

Please register at: <http://arkansasaee.org/>

For more information, email: energy_education@ArkansasAEE.org

Location

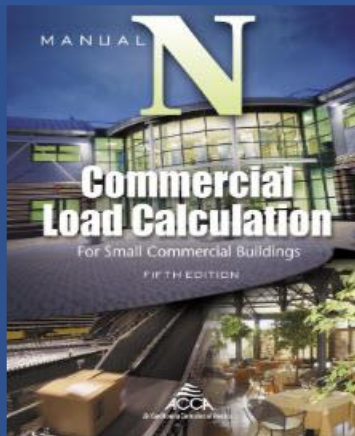
Day 1: UAFS Center for Economic Development Training Center
Address: The Bakery District, 70 S. 7th St., Fort Smith, AR 72901
Day 2: UAFS Campus, Baldor Building

Energy Efficiency Arkansas Sponsored

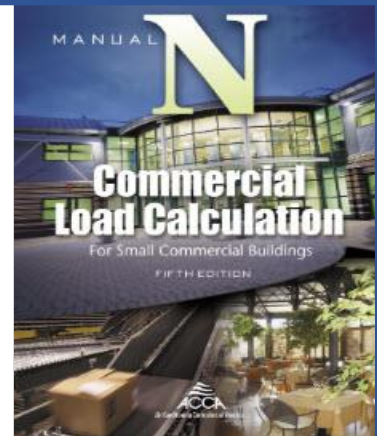
Energy Efficiency Arkansas (EEA) is a partnership between the Arkansas Department of Energy & Environment—Energy Office and Arkansas's investor-owned electric and gas utilities and electric cooperatives through a ratepayer-funded program approved by the AR Public Service Commission.



Got Light Commercial Jobs? Need a Load Calculation?



Manual N / Commercial Load Calculation Could be Your Solution



ACCA / Wrightsoft Manual N Class (2 days, 2 locations)

- September 26 & 27 : 8:30 a.m. to 5:00 p.m.
UA PTC Business & Industry Center, 3303 E Roosevelt, Little Rock
- September 29 & 30 : 8:30 a.m. to 5 p.m.
NWACC, One College Drive, Bentonville

Cost:

Software: Wrightsoft Commercial Load

- If student already has Wrightsoft RightSuite (Manual J, D, S, Draw)---only \$120.00 additional annual subscription to upgrade to include Manual N
- If student has no software--\$450 annual subscription
- Software must be purchased through the Association for this pricing

Course Fee: \$100.00

Manual Fee: \$125.00 (Manual is optional)

Instructors:

Alex Meaney, 14+ years experience with Wrightsoft

Tom Hunt, 10+ years experience using Wrightsoft

For Information, Contact:
Arkansas HVACR Association
tomhunt@arhvcr.org
501-487-8655

- Qualifies for
- 2 hrs.
 - Arkansas CE
 - # 22-07

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**ENERGY EFFICIENCY
ARKANSAS**



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 or email 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.



“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
info@bpi.org

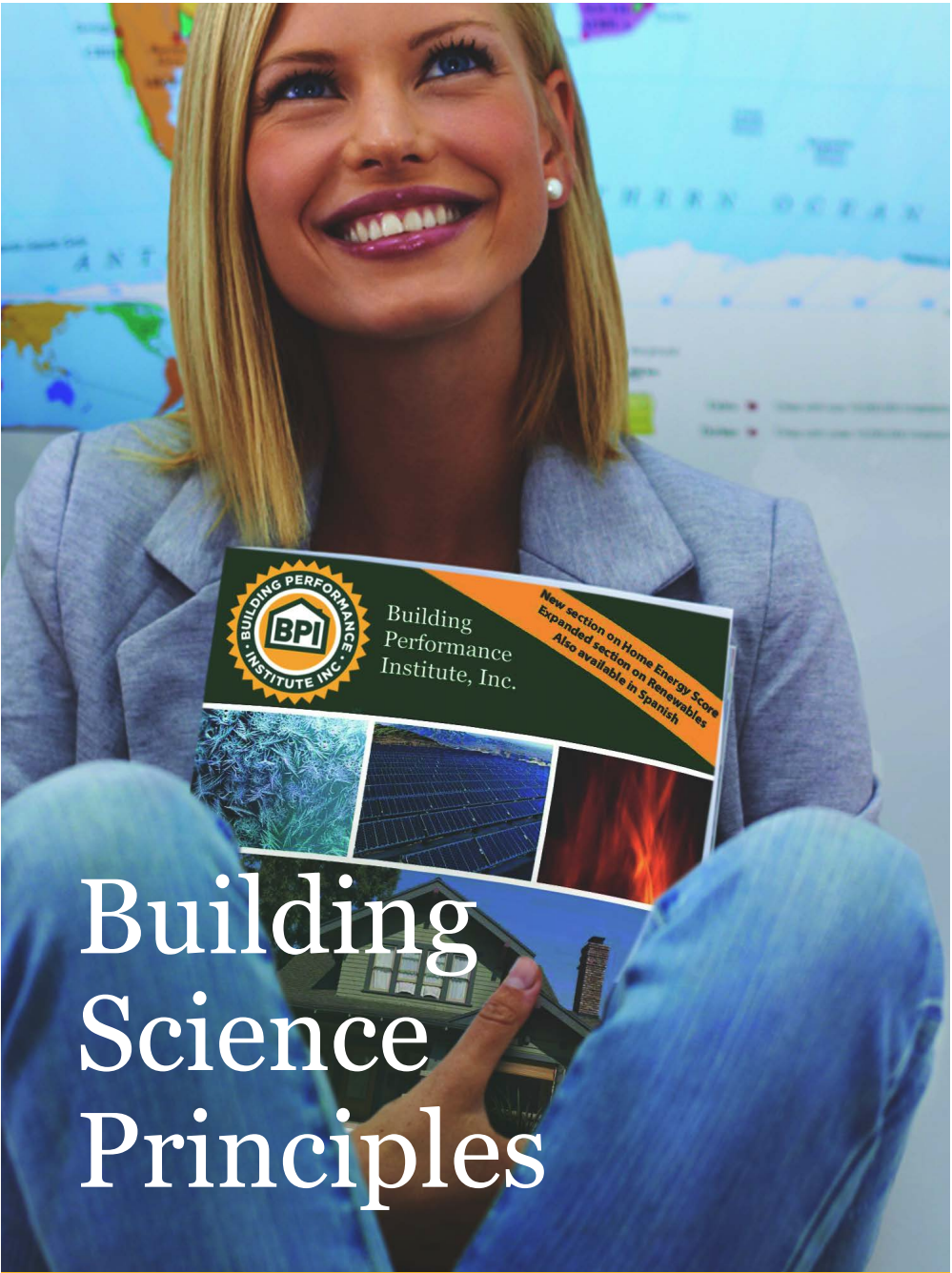
Building Performance Institute, Inc.
107 Hermes Road, Suite 210
Malta, NY 12020

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



SM

WHO SHOULD GET THE CERTIFICATE

VALUE OF THE CERTIFICATE

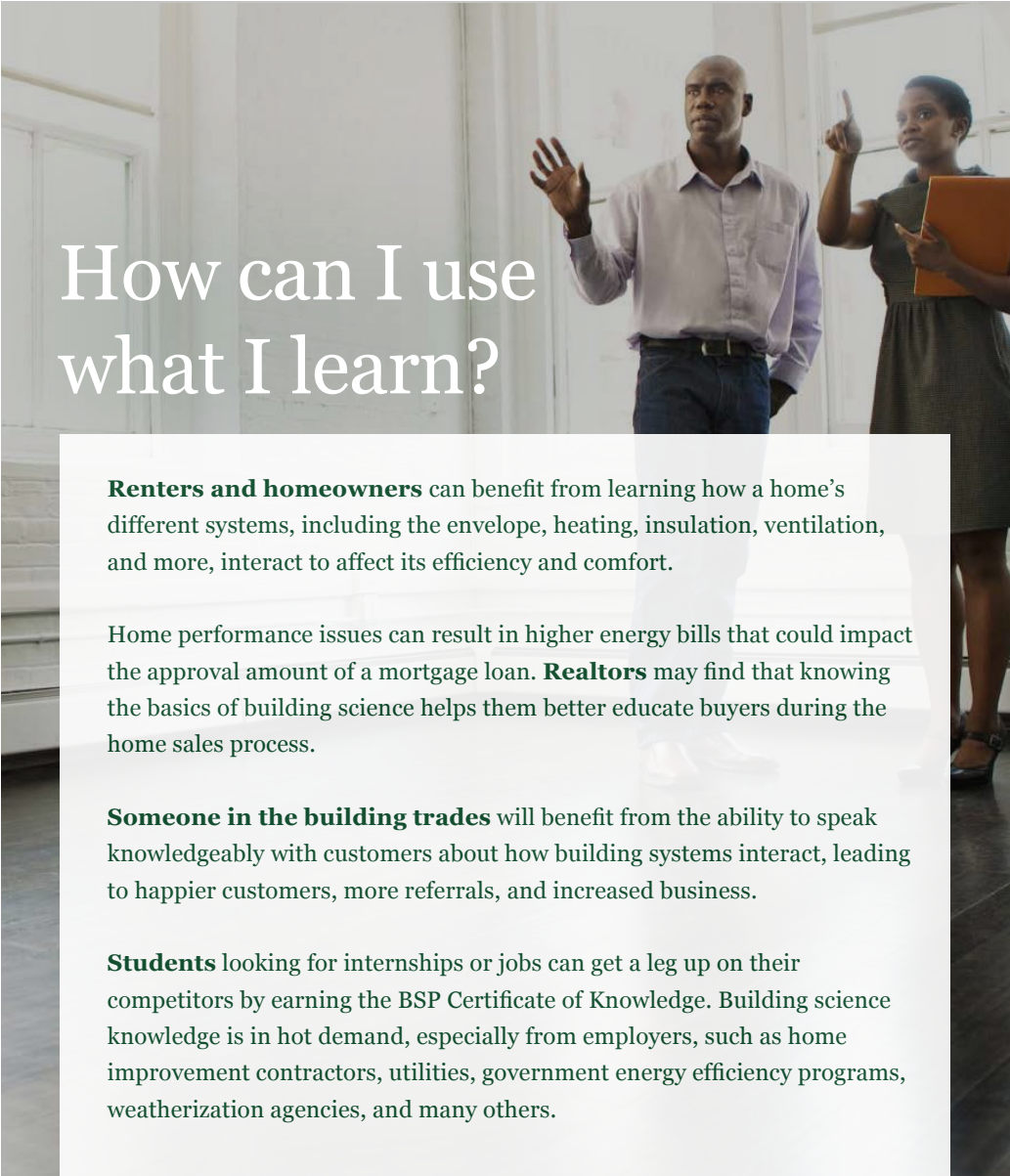
GETTING STARTED



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



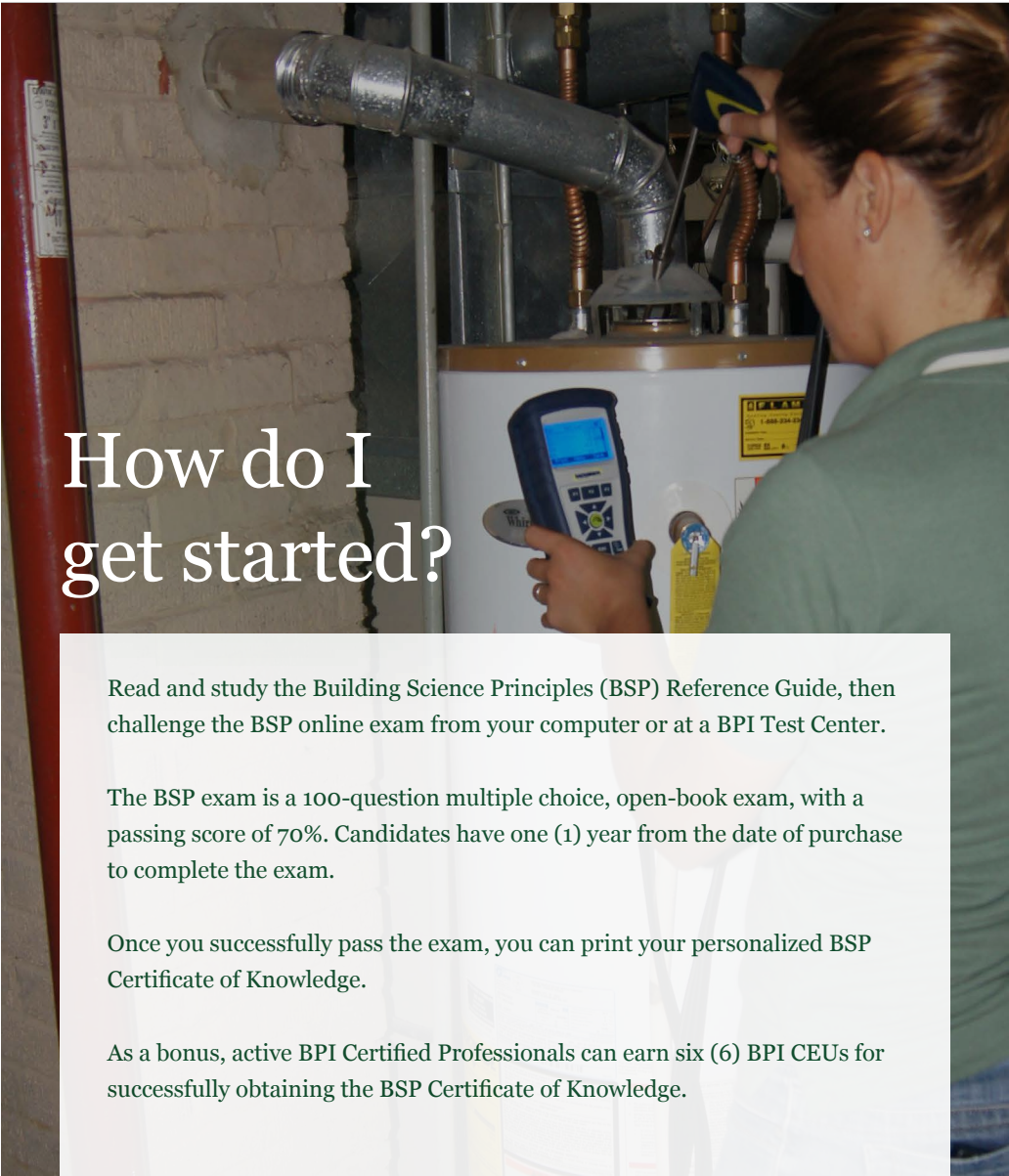
How can I use what I learn?

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.



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.

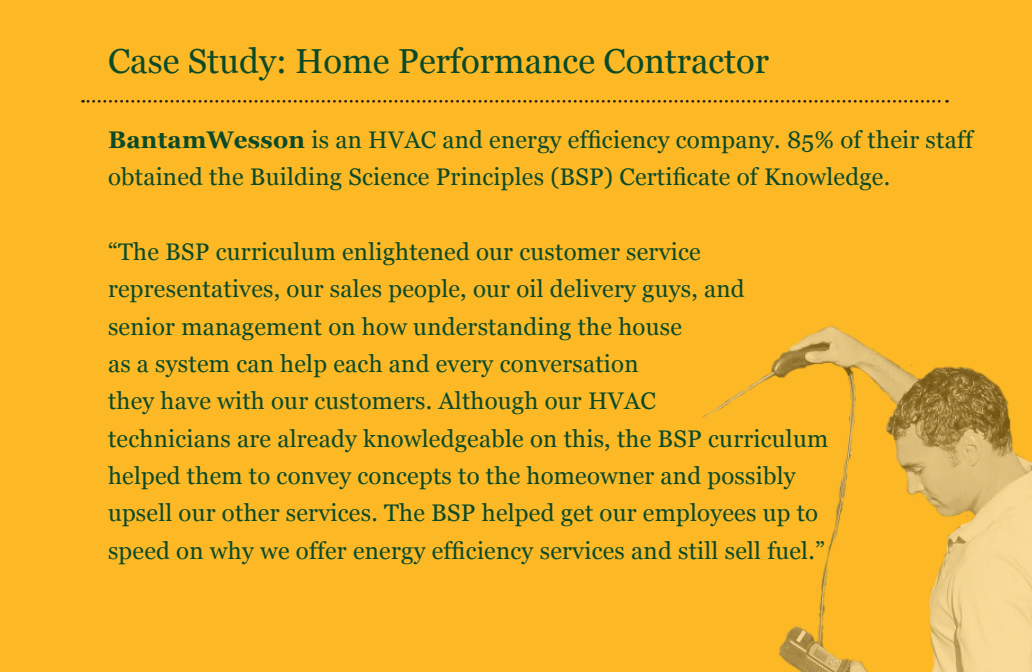
Once you successfully pass the exam, you can print your personalized BSP Certificate of Knowledge.

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

Case Study: Home Performance Contractor

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

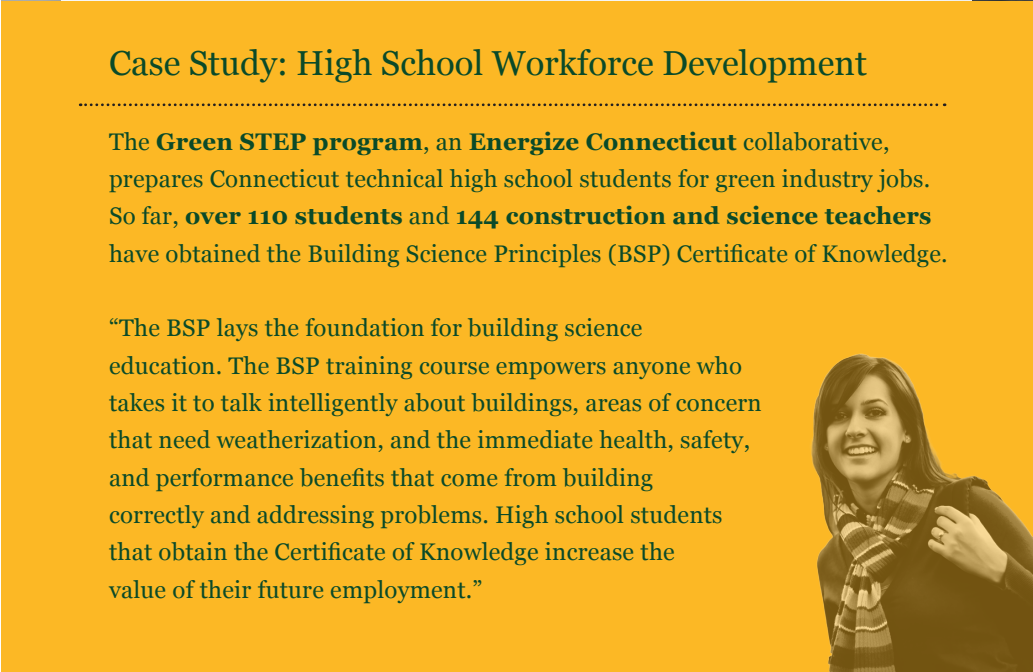
“The BSP curriculum enlightened our customer service representatives, our sales people, our oil delivery guys, and senior management on how understanding the house as a system can help each and every conversation they have with our customers. Although our HVAC technicians are already knowledgeable on 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.”



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.”



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.”

