

AVLOS NAMED AEO FISCAL COORDINATOR

Arkansas Energy Office (AEO) Fiscal Coordinator Alex Avlos may have the quintessential educational and professional experience to be an Arkansas Department of Energy & Environment employee.

Born and raised in Ft. Smith Ark., Avlos received an environmental science degree from Eckerd College in St. Petersburg, Fla. but, he said, "A fair bit of my college curriculum actually dealt with energy efficiency and sustainability practices."

Although Avlos spent the last three years of his professional career managing water and wastewater projects for the Arkansas Natural Resources Commission, it's his skill-set developed as a project coordinator that he will bring to the AEO. Avlos said, "My work as a project coordinator involved securing grant funding, interpreting state and federal regulations, drafting grant/loan agreements, balancing budgets, and fostering relationships with community stakeholders." He said, at any given time, he might be managing twenty or more state and federal projects.



ALEX AVLOS
AEO FISCAL COORDINATOR

“
Alex’s professional experience is just what we were looking for in filling the fiscal coordinator position.”

Avlos’ supervisor, AEO Senior Operations Manager Tim Scott, said, “Alex’s professional experience is just what we were looking for in filling the fiscal coordinator position. He has a proven track record coordinating multiple projects both with the state and with the feds. We know that will translate well to the Arkansas Energy Office.”

Away from the office, Avlos enjoys throwing ceramics, trail running with his dog, riding bikes, and gardening. Obviously, still entrenched in the environment, he said his favorite quote is by John Jeavons—sometimes known as the father of the modern biointensive gardening movement—who said, “Man, despite his artistic pretensions, his sophistication and many accomplishments, owes the fact of his existence to a six-inch layer of topsoil and the fact that it rains.”

UPCOMING EVENTS		
DATE	EVENT	CITY
JULY 18	Stone County Library	Mountain View
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
JUNE 1	Dallas County Library	John Fetherston	Fordyce
JUNE 2	Woodruff County Library	John Fetherston	Augusta
JUNE 7	Madison County Senior Activity Center	John Fetherston	Huntsville
JUNE 10	Lawrence County Library	John Fetherston	Walnut Ridge
JUNE 15	Pine Bluff Public Library	John Fetherston	Pine Bluff
JUNE 16	Alma Public Library	John Fetherston	Alma
JUNE 23	Charleston Public Library	John Fetherston	Charleston
JUNE 25	Hot Springs Village Home Improvement Expo '22	John Fetherston	Hot Springs Village

UPCOMING TRAININGS		
DATE	EVENT	CITY
JUNE 28	Optimization of HVAC System Performance—UA Fort Smith	Fort Smith
JULY 11	Energy Efficiency Practitioner	Little Rock
DEC. 31	Building Science Principles online course and exam	Online

RECENT TRAININGS			
DATE	EVENT	INSTRUCTOR	CITY
ONGOING	Building Science Principles online course and exam	Online	Online

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.



FOR MORE INFORMATION, CONTACT:

RYAN BURRIS
501.682.0976
ryan.burris@adeq.state.ar.us

JOHN FETHERSTON
501.682.2287
john.fetherston@adeq.state.ar.us



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.

“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

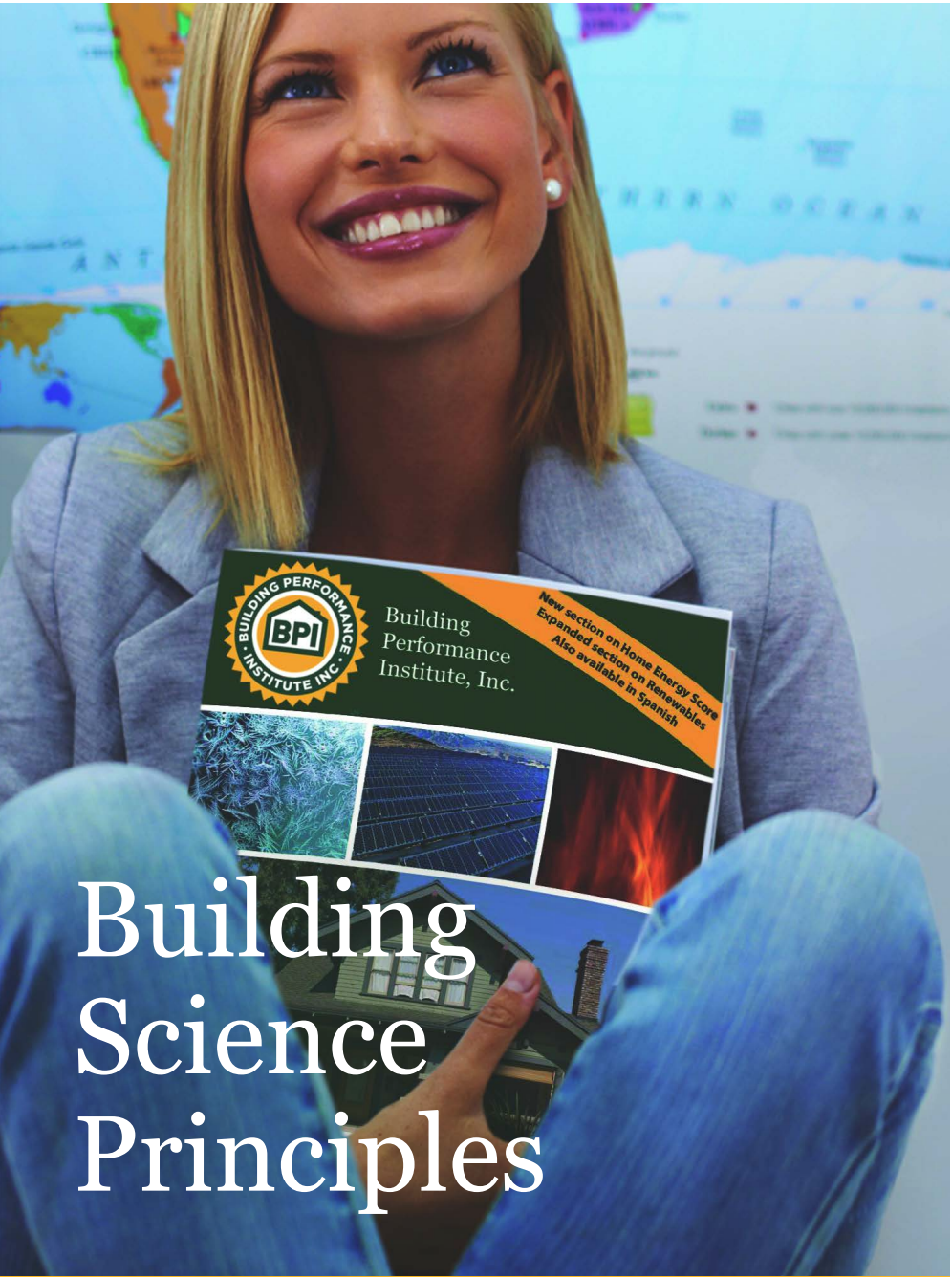
Building Performance Institute, Inc.
107 Hermes Road, Suite 210
Malta, NY 12020

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

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.



WHO SHOULD GET THE CERTIFICATE



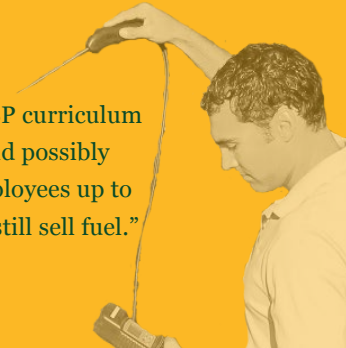
Who should get this certificate?

- 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

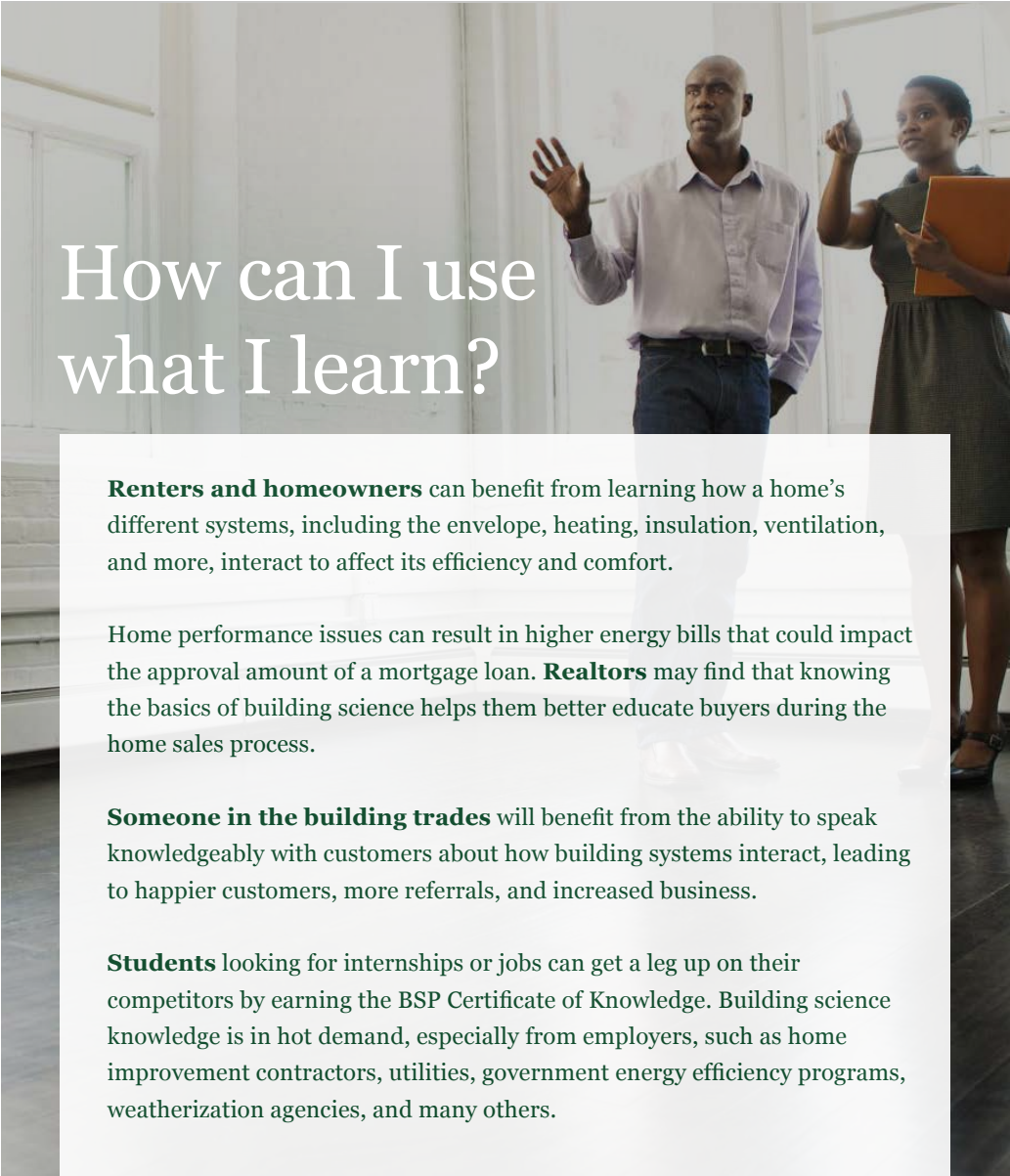
Case Study: Home Performance Contractor

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.

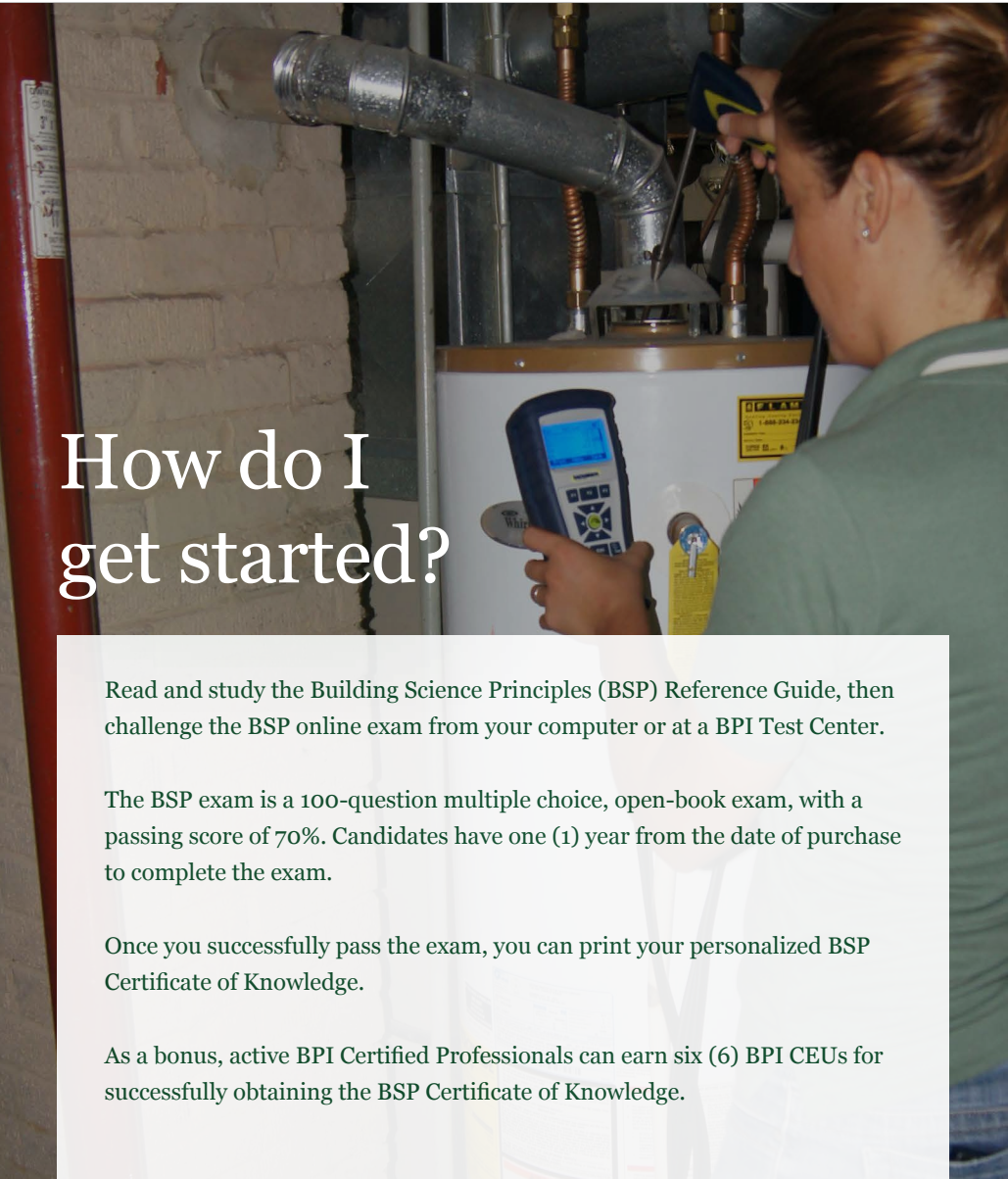
Case Study: High School Workforce Development

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.

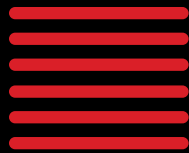
As a bonus, active BPI Certified Professionals can earn six (6) BPI CEUs for successfully obtaining the BSP Certificate of Knowledge.

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.”





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

Optimization of HVAC System Performance for Energy Efficiency

Dates: June 28, 2022 Time: 9am-4pm

Webinar Series

Fee

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

Instructor

Clint Christenson, CEM

Continuing Education

6 Prof Development Hours

Time

9am-4pm CT

Location

UA—Ft Smith Center for
Economic Development
Links & Registration
On ArkansasAAEE.org

For more information:
501-604-5888

Presented by:
Arkansas Chapter



The Association
of Energy Engineers

Learning Objectives

- Heat Loads, Heat Transfer and Thermal Management
- Heat Transfer Equipment and Methodologies within Buildings
- Building HVAC System Modeling

Registration Details

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

For more information, email: energy_education@ArkansasAAEE.org

Location

Located in Fort Smith's vibrant Bakery District, the UA Ft Smith Center for Economic Development occupies the second story of The Bakery District. You can get more information from their website: <https://uafs.edu/ced/index.php>

Address: The Bakery District, 70 S. 7th St., Fort Smith, AR 72901

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.



Map to the Center for Economic Development at the Bakery District

70 S. 7th Street, Suite D.

Fort Smith, AR 72901





Introducing the Energy Efficiency Practitioner Certification

Designed to help educate and qualify new or recent entrants in the energy management field.

AEE's EEP® certification provides international credibility among energy management, sustainable and clean energy communities. This training program is designed to provide attendees a concise, but comprehensive overview of practices for improving energy management and energy efficiency in buildings and across facilities. Many energy professionals use this program to develop their background knowledge before embarking on a path to the Certified Energy Manager® (CEM®) or Business Energy Professional (BEP) certifications.

Learning Objectives

- Understand the basics of energy management, including terminology and the technical aspects of systems and equipment that energy managers are responsible for in buildings and facilities.
- Learn the crucial steps of energy management and organizational strategies, including auditing, measurement, commissioning, payback, and maintenance.
- Learn how to identify the low-cost, no-cost system improvements that can provide immediate financial benefits.
- Work through practical examples to demonstrate the topics and procedures covered.
- Review the various areas of the Body of Knowledge associated with AEE's Certified Energy Efficiency Practitioner® (EEP®) exam.
- Discuss how to apply what you have learned to your business and applications.

Professionals suited for the EEP Course and Exam: Attendees of this program have included early-career energy professionals, newly qualified energy engineers, or individuals recently promoted to energy managers. It also includes non-energy professionals looking to gain an insight into energy management theories and practices, such as executives, financial and marketing professionals, business development professionals, operations managers, architects, and consultants.

Course Registration*: **ArkansasAEE.org**

Course Instruction: July 11-12, 2022, 8am-5pm

Exam: July 13, 2022, 8am-2pm

(1.5 CEU awarded, 15 PDH, 3.0 AEE credits towards Recert)

Course Fee: \$ 500* first 20 Arkansas AEE members/AR residents
\$1750 Non-resident, non-member ticket; tickets to AR residents >20

Course Location: Harrison Energy Partners, Training Center
1501 Westpark Dr., Ste. 9, Little Rock, AR 72204

In preparation for the class, and to apply for exam:

<https://www.aeecenter.org/certifications/certifications/energy-efficiency-practitioner>

What you should bring to class:

Pens, Pencils, Highlighters, Notebook and Sticky Tabs to mark book

Scientific calculator (TI30, 30x, 35 or 35x) - know how to use your calculator

*Course fee subsidized by **Energy Efficiency Arkansas**; See the website for cancellation policy
Continental Breakfast and Lunch provided Mon-Tues; Breakfast only provided Wed.

Email: energy_education@ArkansasAEE.org for more information