



2024 Online Coursework & Training

High Performance Insulation Professionals, HPIP, offers a specialized online training platform providing insulation installation training courses approved by the Department of Labor. This platform includes company specific custom options, coursework on everything from basics to advanced insulation knowledge, webinars, and more. We'll keep your crews up to speed between live training events. Contractors are encouraged to purchase access our online learning management system as they continually strive for excellence in insulation installation. Contractors can also use our system to upload custom training and onboarding documents or courses for their employees.

WHY YOU NEED AN HPIP ONLINE TRAINING SUBSCRIPTION

Contractors who continually train are the best of the best in systems and installation. Using HPIP's online and in person training tools, contractors demonstrate their ongoing commitment to excellence.

Contractors receive the following benefits with their annual fee:

- Discounted registration to all insulation training events for your business.
- Opportunity to host a training event in your area.
- Access to our online course library and training system for all your employees to utilize. New courses are added quarterly, currently over 1,000 courses.
- Courses cover a range of topics including insulation best practices, building science, business, safety and more.
- Feature in our e-newsletter, distributed to over 3,000 recipients.
- Company highlights on HPIP social media, over 1,500 followers.
- Featured on HPIP's Approved Contractor Map located on our website.

Recommended Course Completion Plan

HPIP recommends contractors utilize the learning content by encouraging their employees to collectively complete 10 courses each calendar year, either through the HPIP Online Course Library or another accredited source such as qualifying hands-on training events or other external accredited online courses. As contractors and individual staff complete courses they receive a certificate of completion and a digital badge within the system. Consider offering an incentive or recognition program within your company.

The 5 Core HPIP Coursework Learning Paths are:

1. Building Science – Continuing Education Coursework

2. Air Sealing – Continuing Education Coursework
3. Attics/Walls/Floors – Continuing Education Coursework
4. Safety – Continuing Education Coursework
5. Best Practices – Continuing Education Coursework

Prerequisites

There are no prerequisites for these courses, and they are beneficial to both entry level and experienced insulation installers and construction trade employees.

Quizzes/Exams:

- The course quiz/exams are knowledge checks for the course material.
- Staff have 2 attempts to take quizzes/exams and reach the necessary pass rate of 80%. If they do not pass after 2 attempts, HPIP recommends that the course material is reviewed before it is unlocked to encourage a better understanding of the course material.
- There is no additional fee to retake exams.

Course Completion Outline:

Course descriptions and learning objectives can be found in [HPIP's Full Insulation Course Catalog](#).

Learning Path	Course Title	Includes
Week 1		
Air Sealing - Continuing Education Coursework	Air Sealing - Understanding Air Leakage & Sealing in Residential Structures	Webinar and quiz
Air Sealing - Continuing Education Coursework	Air Sealing - Thermal Bypass Checklist	Intermediate Course and Checklist Exam
Attics/Walls/Floors - Continuing Education Coursework	High Performance Attics and Walls for New Homes in CA.	Webinar and Quiz
Attics/Walls/Floors - Continuing Education Coursework	Advanced Framing Techniques	Webinar and Quiz

Learning Path	Course Title	Includes
Attics/Walls/Floors - Continuing Education Coursework	Insulating An Attic with Blown-In Insulation	Webinar and Quiz
Week 2:		
Building Science - Continuing Education Coursework	HPIP Blower Door Course	Webinar and Quiz
Building Science - Continuing Education Coursework	Quality Insulation Installation	Webinar and Quiz
Building Science - Continuing Education Coursework	What the HERS Index Means for Insulation Installation Quality	Webinar and Quiz
Building Science - Continuing Education Coursework	Insulation Installation Standards	Webinar and Quiz
Week 3:		
Building Science - Continuing Education Coursework	High Performance Insulation Terms & Concepts	Webinar and Quiz
Building Science - Continuing Education Coursework	Energy Movement	Video and Exam
Building Science - Continuing Education Coursework	Building Science 101 - A Rater's Point of View	Webinar and Quiz

Learning Path	Course Title	Includes
Week 4:		
Best Practices - Continuing Education Coursework	HPIP Installation Pro	Intermediate Course and Quiz
Best Practices - Continuing Education Coursework	SIGNOR BEWARE	Webinar and Quiz
Best Practices - Continuing Education Coursework	Why High Performance Insulation Systems?	Video and Exam
Best Practices - Continuing Education Coursework	Fibrous Batt Insulation Grading	Webinar and Quiz
Safety - Continuing Education Coursework	Spray Foam Safety	Webinar and Exam

Learning Platform Link:

HPIP does not allow training materials from the modules to be exported, printed, or distributed outside of the online learning management system it is housed in.

[Click here to login to the LMS.](#)

HPIP ADDITIONAL RESOURCES:

CertainTeed

- [Fiberglass Insulation Installation Basics](#)

Johns Manville

- [Video Install Guides](#)

Knauf Insulation

- [EcoBatt Insulation Installation Guide](#)
- [Blown-In Insulation Machine Operation and Safety Guide](#)

- [Cold Pipe System Insulation Installation Guide](#)
- [Hot Pipe System Insulation Installation Guide](#)

Owens Corning

- [Installation Guide](#)

RESNET is a recognized national standards-making body for building energy efficiency rating and certification systems in the United States.

- [ANSI/RESNET/ICC 301-2014 Addendum F-2018: Normative Appendix A](#)

The 2018 International Energy Conservation Code® (IECC®) encourages efficiency in envelope design, mechanical systems and lighting systems as well as the use of new materials and techniques. Many helpful references developed by code experts will assist designers, inspectors, plans examiners, contractors, instructors, students, and others who use the 2018 IECC.

- [2018 International Energy Conservation Code](#)

[Builder's Guide to Cold Climates](#)

- The North American Cold Climate edition of the Builder's Guide is augmented to provide the building industry with the latest and best practical information on how to apply building science principles to structures as systems in colder regions.

[Builder's Guide to Hot-Humid Climates](#)

- The Builder's Guide will provide the building industry with the latest and best practical information on how to apply building science principles to structures as systems in hot-humid climate regions.

[Builder's Guide to Mixed-Humid Climates](#)

- The Builder's Guide will provide the building industry with the latest and best practical information on how to apply building science principles to structures as systems in mixed-humid climate regions.

[Residential Energy: Cost Savings and Comfort for Existing Buildings](#)

- Residential Energy is widely recognized as one of the best textbooks available on home energy conservation. It's used by hundreds of colleges and technical schools across North America. Residential Energy is an essential reference manual for home energy raters, energy auditors, weatherization technicians, carpenters, heating and air-conditioning specialists, insulation contractors, plumbers, electricians, and home-improvement enthusiasts.

[Buildings Don't Lie](#)

- A simple, clear, thorough, and complete explanation of basic building science applicable to any building in any climate. Over 1,000 large color drawings and photos, plus fun quizzes. No charts, graphs, or math. Read this book and become your own expert on making buildings

comfortable, healthy, safe, durable, and very energy efficient, because you will understand the underlying science of the movement through buildings of heat, air, water, light, sound, fire, and pests, and how these can be controlled. This book also includes sections on designing building enclosures, indoor air quality, choosing heating and cooling systems, and how to ventilate, heat, and cool different types of buildings.

Support:

The HPIP leadership team is dedicated to ensuring that contractors receive timely assistance in setting up their LMS platform and navigating the coursework. HPIP ensures an email response to all inquiries within 24-48 business hours.

Contact us:

Michelle Jack & Laurie Carantit

Phone

800-484-6471

EMAIL

training@hpipros.org