



NAHB Continuing Education Providers Directory

Check out the list of educational events in the NAHB Continuing Education Providers Directory. This directory includes audio seminars, in-person courses, conferences, online courses, podcasts, webcasts, webinars and workshops/training programs. To find out what continuing education you need to maintain your NAHB designation, visit nahb.org/education. Or contact the NAHB Professional Designation Help Line at 800-368-5242 x8154 or email designations@nahb.org.

Last Updated: Friday, March 31, 2023 7:05:26 AM

<p>Blue House Energy Mike Rogers: Foundations of Increased Sales and Profits Online Course 3</p> <p>Many contracting companies don't build the roadmap to success or align marketing with sales, and as a result end up wasting valuable leads with ineffective sales. Maybe, for example, you are not packing as much punch as you could into that initial phone call with a potential customer, or maybe you're still committing some major marketing "don'ts" in your sales process. Perhaps you simply need a few sales tips to take your marketing to the next level.</p> <p>This course will help you align your business to drive sales and help you avoid common sales pitfalls.</p> <p>Foundations of Increased Sales and Profits is led by Mike Rogers (1964-2018), a legendary trainer in the building performance industry. Mike was a key person in setting up the Home Performance with ENERGY STAR (HPwES) program across the US. He was also principal consultant to the Environmental Protection Agency and the U.S. Department of Energy. In the past several years, Mike criss-crossed the continent, providing business management training to hundreds of contracting companies, as well as delivering dozens of webinars for BPI's GoldStar Contractor program. We're proud to offer this course, preserving and continuing Mike's knowledge, enthusiasm, and understanding of the industry.</p> <p>While the course is aimed at residential contractors who focus on energy efficiency improvements, home performance and weatherization, increasing sales and profits is the goal of all contractors and builders in the residential construction industry.</p> <p>Attendees will earn 3 hours of continuing education credit for the following NAHB professional designations: CSP, CMP</p> <p>Mike Rogers Describe the importance of operating plans and marketing plans in the sales cycle</p>	<p>Blue House Energy John Tooley: Increasing Profits Through Quality Management Online Course Online On-going 6</p> <p>Quality companies don't lose money doing work right. Did you know your business could be wasting 25 to 40 percent of the dollars you spend by not focusing on the quality of the services you offer?</p> <p>This course takes a deep dive into defect prevention and will help you use quality control and quality assurance to increase your business profits.</p> <p>What You'll Get: Learn how to focus on quality, reduce waste, cut operating costs, invest in efficient processes, improve operational consistency, and create satisfied and loyal customers and employees.</p> <p>Increasing Profits Through Quality Management is led by John Tooley, a pioneer in the world of energy efficiency. John has trained countless builders and contractors and frequently gives keynote addresses at national conferences. He is recognized for his contributions to many of the largest utility and building programs in the nation.</p> <p>This course walks you through the process of defining and developing a quality management plan, including the importance of processes and systems to ensure your quality control and quality assurance (QC and QA) are saving you money. The course looks at problem solving, how to make improvements, how to determine what kind of company you want, and how to create a culture of loyal leadership within your team.</p> <p>Attendees will earn 6 hours of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGP, CGR, GMB and GMR.</p>
---	--

Explain the importance of communicating with your customer
Explain the four primary purposes of asking appropriate questions during consultative sales process, and give examples of each
Demonstrate ways of handling objections from customers

[Blue House Energy](#) (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT
Hal Richman
hal@bluehouseenergy.com
<https://bluehouseenergy.com/collections/find-a-course/products/mike-rogers-foundations-of-increased-sales-and-profits>
902-497-7763
General Contractor
Custom Builder
Manufacturer of Modular/Panelized/Log Homes
Product Manufacturer

Blue House Energy
Peter Troast: Lead Generation and Digital Marketing for Contractors
Online Course
Online
On-going
3

Marketing and lead generation, in today's digitally-oriented marketplace, can be overwhelming for many companies. This course will cut through the confusion and give you a roadmap to develop a plan that feeds your pipeline. It is tailored specifically to the needs of companies providing better buildings services. If you're scratching your head about the role of Google, Facebook, reviews, websites, or how to win in search, this course is for you.

Peter Troast, of [Energy Circle](#), leads you through the process of ramping up your lead generation by improving your digital marketing strategy and plan.

Lead Generation and Digital Marketing for Contractors is led by Peter Troast, Founder & CEO of Energy Circle, is recognized as one of the country's foremost

John Tooley
Describe the importance of a Quality Management Plan to a successful business
Explain the primary attributes of Quality Management
Outline the steps involved in developing a Quality Management Plan
Describe the ways that loyalty leadership improves your business

[Blue House Energy](#) (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT
Hal Richman
hal@bluehouseenergy.com
<https://bluehouseenergy.com/collections/find-a-course/products/john-tooley-increasing-profits-through-quality-management?variant=15906302591066>
902-497-7763
General Contractor
Manufacturer of Modular/Panelized/Log Homes
Product Manufacturer

Blue House Energy
Understanding HVAC Systems
Online Course
Online
On-going
1

Understanding HVAC Systems (HVAC1) covers the fundamentals of how fuel is converted into energy, the types of space heating and cooling systems typically found in North American homes, and current ventilation system requirements for new construction.

Each of the 3 modules has a quiz at the end. You need at least a 70% grade in the quiz at the end of each module to proceed to the next (there is no limit on quiz attempts). There is no final exam on this course.

Attendees will earn 1 hour of continuing education for the following NAHB professional designations: CAPS, CGA, CGB, CGP, CGR, GMB, GMR and Master CGP.

authorities on marketing for home performance, solar, HVAC, and other efficiency and renewable energy related contracting companies.

Attendees will earn 3 hours of continuing education credit for the following NAHB professional designations: CSP, CMP, Master CSP and MIRM.

Peter Troast

Summarize the most relevant marketing strategies and tactics

Build a marketing plan suited to your company, unique business model and specific lead generation requirements

Evaluate the relevance and effectiveness of a wide variety of digital and traditional marketing approaches

Interpret the value and function of the confusing digital marketing landscape

[Blue House Energy](#) (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT

Hal Richman

hal@bluehouseenergy.com

<https://bluehouseenergy.com/collections/find-a-course/products/peter-troast-lead-generation-and-digital-marketing-for-contractors>

902-497-7763

Market Researcher

Sales & Marketing/Advertising

Blue House Energy

Healthy Indoor Environment

Online Course

Online

On-going

1

Healthy Indoor Environment (HIE1) covers the fundamentals of indoor air quality, healthy housing materials, and ventilation needs to ensure the home's occupants are healthy and comfortable. Most North Americans spend upwards of 90 percent of their time indoors -- choices made during construction and renovation can

Explain how mechanical systems are used to maintain comfort levels in a house

Describe the most common fuel and energy sources in houses

Describe the factors involved in carrying out heat loss and heat gain calculations

Describe the most common space heating and cooling equipment options for new construction

Describe common delivery systems and controls for space heating and cooling

Explain the need for mechanical ventilation in new and existing houses

Describe the requirements of the prevailing Ventilation Standard Distinguish between types of mechanical ventilation systems

[Blue House Energy](#) (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT

Hal Richman

hal@bluehouseenergy.com

<https://bluehouseenergy.com/collections/find-a-course/products/understand-hvac-systems>

902-497-7763

Custom Builder

Engineering

General Contractor

Green Building

Planner/Designer

Remodeler

Single-Family Builder

Blue House Energy

Envelope Fundamentals

Online Course

Online

On-going

3

The house works as a system made up of different construction components and assemblies that are affected by heat, moisture and air flows. Take a deeper dive into the components and dynamics of the building envelope.

impact their quality of life. You will learn how to identify, remedy, and avoid pollutants.

This mini-course has three modules. Each module has a quiz at the end. You need at least a 70% grade in the quiz at the end of each module to proceed to the next (there is no limit on quiz attempts). There is no final exam on this course.

Attendees will earn 1 hour of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGR, GMB and GMR.

Describe the factors that impact indoor air quality (IAQ) Explain methods of evaluating and controlling IAQ

Describe healthy construction assembly and finish materials Explain the causes, signs and risks of combustion spillage

Describe radon testing and acceptable mitigation methods Explain the need for mechanical ventilation in new houses

Distinguish between types of mechanical ventilation systems

Blue House Energy (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT

Hal Richman

hal@bluehouseenergy.com

[https://bluehouseenergy.com/products/healthy-indoor-environment?](https://bluehouseenergy.com/products/healthy-indoor-environment?_pos=1&_sid=910c56a56&_ss=r#course-details)

[_pos=1&_sid=910c56a56&_ss=r#course-details](https://bluehouseenergy.com/products/healthy-indoor-environment?_pos=1&_sid=910c56a56&_ss=r#course-details)

9024977763

Affordable Housing/Low Income Housing Tax Credit

Custom Builder

General Contractor

Green Building

Insurance/Title Company

Planner/Designer

Remodeler

Single-Family Builder

Blue House Energy
Construction Math
Online Course

Envelope Fundamentals focuses on how the building envelope affects the comfort, health and safety of the people who use the building.

The condition of the building envelope - the foundation, walls, floors, windows, doors, and ceiling or roof that enclose the conditioned space of the house - affects everything from occupant health to structural safety. How a building envelope behaves, or performs, impacts energy efficiency, durability, comfort and indoor air quality.

Attendees will earn 3 hours of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGR, GMB and GMR.

Apply the House as a System Concept Interpret the role of sustainable development in construction

Explain how building science affects building durability and occupant comfort

Categorize the signs, symptoms and solutions for good indoor air quality

Recognize building envelope details and how they control or contribute to heat, air, and moisture flows

Discuss, at a high level, the properties and features of residential mechanical systems

Blue House Energy (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT

Hal Richman

hal@bluehouseenergy.com

[https://bluehouseenergy.com/collections/find-a-course/products/envelope-](https://bluehouseenergy.com/collections/find-a-course/products/envelope-fundamentals)

[fundamentals](https://bluehouseenergy.com/collections/find-a-course/products/envelope-fundamentals)

9024977763

Custom Builder

General Contractor

Green Building

Planner/Designer

Single-Family Builder

Blue House Energy
Construction Technology
Online Course

Online
On-going
4

Everyone who works in residential construction needs solid, everyday math skills. Math is the language of construction. It's important for accuracy, efficiency, and safety to make sure the work is done correctly. The aim of this course is to help the learner develop an understanding of how arithmetic, basic algebra, geometry, and conversions related to home construction and renovation. To make it easier to succeed in this course, we've split Construction Math into 2 parts, with a test at the end of each.

Attendees will earn 4 hours of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGR, GMB and GMR.

Use and understand all operations on whole numbers, fractions and decimals commonly used in the construction industry
Calculate the areas, perimeter, circumference, and volume of various shapes and figures including floor and roof areas, concrete footings, slabs, walls, and columns
Convert measurements from fractions to decimals
Convert measurements between metric and imperial systems

Blue House Energy (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT
Hal Richman
hal@bluehouseenergy.com
<https://bluehouseenergy.com/collections/find-a-course/products/construction-math>
902-497-7763
Custom Builder
General Contractor
Green Building
Single-Family Builder

Online
On-going
6

Construction Technology covers all the bases of today's industry; building science, indoor air quality and healthy indoor environments, air sealing and insulation, and mechanical systems. The house works as a system made up of different components and equipment that are affected by heat, moisture and air flows. Take a deeper dive into the components and dynamics of the whole system.

The course is made up of fourteen online modules. Each module includes a downloadable study guide. There is a review and quiz at the end of each module to help you gauge your understanding of the topics covered. You can review any section or topic in any module as many times as you require.

Once you have completed all fourteen modules, you take the final test, which you may only take once. A grade of at least 70% earns you a Certificate of Achievement.

Attendees will earn 6 hours of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGP, CGR, GMB, GMR and Master CGP.

Apply the House as a System Concept Interpret the role of sustainable development in construction
Explain how building science affects building durability and occupant comfort
Categorize the signs, symptoms and solutions for good indoor air quality
Recognize building envelope details and how they control or contribute to heat, air, and moisture flows
Discuss, at a high level, the properties and features of residential mechanical systems

Blue House Energy (BHE) was incorporated in 2012 with head offices in Glen Haven, NS. Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT
Hal Richman
hal@bluehouseenergy.com
<https://bluehouseenergy.com/collections/find-a-course/products/construction-technology>

9024977763
Affordable Housing/Low Income Housing Tax Credit
Architect
Custom Builder
General Contractor
Green Building
Planner/Designer

Blue House Energy
Reading House Plans and Construction Drawings
Online Course
Online
On-going
4

Hanley Wood, LLC.
A Comparative Analysis of Residential Heating Systems
Online Course
Online
On-going
1 hour

Reading House Plans and Construction Drawings is for builders, tradespeople, site managers, estimators, and project managers as well as real estate agents, home appraisers, home inspectors, and building inspectors. This course is a comprehensive overview of construction drawings, ideal for those with little or no experience. By the end, you will be able to use house plans to find trade information and perform simple material take offs. Course topics also include an overview of the design process, architectural and engineering scales, floor plans and elevations.

Builders, contractors, and homeowners today face a myriad of options for home heating systems. Furnaces, heat pumps - both air-source and ground-source, and even hybrid furnace-heat pump combination systems are all options. Sorting out the best choices requires taking a close look at system costs, efficiency levels, energy prices, comfort impacts, the severity of the climate, and any applicable incentives.

This course summarizes the key findings from an extensive technical analysis of the energy, economic, and environmental results of using various heating systems in different locations throughout the U.S., and updates the prior study from 2013 with more current energy pricing, system specs, and modeling data.

Attendees will earn 4 hours of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGR, GMB and GMR.

Attendees will earn 1 hour of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGP, CGR, GMB, GMR and Master CGP.

Demonstrate an elementary knowledge of plan reading as it relates to home construction Describe how construction drawings are used for effective communication
Explain how to navigate a set of construction drawings Explain the purpose of plan drawings
Interpret common architectural symbols and abbreviations Locate and identify key features in the plan view
Explain the purpose of elevation, section, and detail drawings List the information provided by elevation, section, and detail drawings Demonstrate how to extract basic specifications and information from construction drawings

Understand how a variety of residential heating systems compare in terms of first costs, operating costs, carbon emissions, paybacks, and comfort.
Compare higher efficiency HVAC equipment to standard equipment in terms of payback periods and user benefits.
Describe how carbon emissions differ from various heating systems which are fueled by different sources of energy.
Describe where certain types of HVAC systems may be most appropriate to specify based on multiple factors, such as efficiency, cost and comfort levels.

Blue House Energy (BHE) was incorporated in 2012 with head offices in Glen Haven, NS.

HANLEY WOOD UNIVERSITY is where thousands of architects, builders, contractors, remodelers and other construction professionals go to fulfill their continuing education and professional training requirements.

Blue House Energy has fast become recognized across Canada and the US as a unique player in the digital and interactive media industry for innovative, affordable, quality online training designed for the home renovation and construction industry. The higher the energy efficiency bar gets in building codes, and the closer we get to Net-Zero Homes or Deep Energy Retrofits targets, the more important building science and a whole-house approach becomes. Recognizing this, BHE produces interactive on-demand training in building

DC
ces@hanleywood.com
<https://www.hanleywooduniversity.com/course/5869/aia/architecture/energy/heating-space-water/hvac/propane-systems/aia/canada-potential/nahb/nari/a-comparative-analysis-of-residential-heating-systems>

science, construction technology and energy efficiency for builders, energy advisors, contractors, and building officials.

INT
Hal Richman
hal@bluehouseenergy.com
https://bluehouseenergy.com/products/reading-house-plans-construction-drawings?_pos=1&_sid=a462d935d&_ss=r9024977763
Architect
Custom Builder
General Contractor
Planner/Designer

Hanley Wood, LLC.
Backup Power for Commercial Buildings: Market Drivers, Code Requirements, and Fuel Options
Online Course
Online
On-going
1 hr

This On Demand CEU is a recorded presentation from a previously live webinar event. When the local power grid goes down a commercial building built today might incorporate backup power to be more resilient, to mitigate against financial losses, to protect life safety, to provide vital services, or some combination of these goals. This course covers this important topic, exploring the motivations for using backup power, relevant code and standard requirements, and the fuel options for backup power generators.

Attendees will earn 1 hour of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGR, GMB and GMR.

Understand what it means for a commercial building to integrate backup power, and common technology options used.
Review the impacts of power outages, the frequency of outages, and the motivations of commercial businesses to utilize backup power.
Describe relevant codes and standards which address the need for, and design of, backup power systems in commercial buildings.
Identify the benefits and disadvantages of different fuel sources for backup power.

HANLEY WOOD UNIVERSITY is where thousands of architects, builders, contractors, remodelers and other construction professionals go to fulfill their continuing education and professional training requirements.

DC

412 -3398294
Architect
Commercial Builder

Hanley Wood, LLC.
Energy Options for Off Grid Homes: The Role of Propane in Off Grid Designs
Online Course
Online
On-going
1 hr

Off Grid Homes, or homes that are completely independent of traditional utilities like the electric grid, are an increasingly popular design option. There are several motivations for an Off Grid Home design, such as a remote location or very expensive costs for a grid connection.

The energy systems for an Off Grid Home differ significantly from those used in most grid-connected homes, and typically incorporate renewables, battery storage, and a back-up power generator. The selection of appliances and other energy-consuming devices in an Off Grid Home is a detailed process that relies on energy efficiency, non-electric alternatives for thermal loads, and careful design of the home's envelope. This course discusses all of these issues.

Attendees will earn 1 hour of continuing education credit for the following NAHB professional designation: CAPS, CGA, CGB, CGR, GMB and GMR.

Describe the concept of Off Grid Homes and the implications for energy supplies and building technologies.
Assess the options available for renewable energy generation, energy storage, and back-up power generators.
Evaluate the role of Off Grid generators and their key operating characteristics.
Explain how building design and appliance selections are a critical part of a successful Off Grid Home design.

HANLEY WOOD UNIVERSITY is where thousands of architects, builders, contractors, remodelers and other construction professionals go to fulfill their continuing education and professional training requirements.

ces@hanleywood.com
<https://www.hanleywooduniversity.com/course/7328/aia/architecture/power-generation/propane-systems/aia/canada-potential/nahb/pdh-potential/backup-power-for-commercial-buildings>
412 -3398294
Architect
Commercial Builder

Hanley Wood, LLC.
Propane Heaters for Pool and Spas
Online Course
Online
On-going
1 hr

With homeowners spending more time at home and wanting to extend their living spaces into the outdoors in the new normal resulting from the COVID-19 pandemic, it shouldn't come as much surprise that the pool, hot tub, and spa industry is experiencing record sales, as well as demand for longer swim seasons. And commercial pools and related amenities aren't far behind.

Learn how pool builders and designers can utilize propane heaters to support this trend.

Attendees will earn 1 hour of continuing education credit for the following NAHB professional designations: CGP, Master CGP

Explore propane's use in both residential and commercial pools and spas. Introduce the benefits of propane and its applications in the built environment, including to heat pools and spas. Examine why to use propane to heat pools and spas over alternative energy sources. Review design and specification considerations for heating pools and spas. **HANLEY WOOD UNIVERSITY is where thousands of architects, builders, contractors, remodelers and other construction professionals go to fulfill their continuing education and professional training requirements.**

DC
ces@hanleywood.com
<https://www.hanleywooduniversity.com/course/7847/aia/architecture/outdoor-living/pools-spas-hot-tubs/propane-systems/aia/canada-potential/la-ces-non-hsw/propane-heaters-for-pools-and-spas>
412 -3398294
Commercial Builder
Architect

DC
ces@hanleywood.com
<https://www.hanleywooduniversity.com/course/6670/aia/architecture/energy/propane-systems/utilities/aia/canada-potential/gbci/nahb/nari/energy-options-for-off-grid-homes-the-role-of-propane-in-off-grid-designs>
412 -3398294
Architect
Commercial Builder

Hanley Wood, LLC.
Propane and Building Design for Commercial Businesses
Online Course
Online
On-going
1 hr

Architects, engineers, developers, and facilities managers have numerous choices when determining fuel sources for commercial buildings, whether those choices involve the practicalities of space and water heating, the aesthetics of fireplaces, fire pits, and outdoor lighting, or the functionalities of building site energy needs.

Combined with these choices is the ever-increasing need to build and plan not only cost-effectively, but with sustainability in mind. This course will help specifiers compare the advantages and disadvantages of a variety of fuel sources and storage options, as well as examining the flexibility and reliability of propane, so that they can more readily determine which fuel source best meets the needs of individual commercial projects.

Attendees will earn 1 hour of continuing education credit for the following NAHB professional designations: CAPS, CGA, CGB, CGR, GMB and GMR

Assess different fuel sources as well as their advantages and disadvantages. Review the basic principles of propane as a building fuel source. Evaluate the power demands of a commercial building and the most efficient and sustainable options for meeting those demands. Analyze ways in which propane can solve commercial building challenges and enhance design. **HANLEY WOOD UNIVERSITY is where thousands of architects, builders, contractors, remodelers and other construction professionals go to fulfill their continuing education and professional training requirements.**

DC
ces@hanleywood.com
<https://www.hanleywooduniversity.com/course/7256/aia/architecture/propane-systems/aia/canada-potential/nahb/propane-and-building-design-for-commercial-businesses>

412 -3398294
Architect
Commercial Builder

Slipstream
2022 Better Buildings: Better Business Event
In-Person Course
Holiday Inn Hotel + Convention Center, Stevens Point, WI
12/6/2022

6.5
B4 is back for a one-day event, December 6! We've assembled an incredible line up of subject matter experts to help prepare you for in the future of home building and remodeling. The Inflation Reduction Act will expand clean energy in the built environment and has the potential to drive millions of retrofits, upgrades, and clean technology installations. Are you ready? Attend B4 to prepare!
Attendees will earn 6 hours of continuing education credit for the following NAHB Progrossinal designations: CAPS, CGA, CGB, CGP, CGR, GMB, GMR and Master CGP

<https://b4conference.org/presenters>
Learn about the latest in heat pump technology with experts on air source heat pumps and heat pump water heaters.
Solve energy efficiency design issues with information on the latest uniform dwelling codes.
Prep your next project with the right exterior foundation insulation so your energy efficiency upgrades will have the most impact.
Learn how solar power and energy management can fit into your next project and tie it all together with experts on all-electric and net zero homes.
BetterBuildingsBetterBusiness_2022Logo_200x200_20221116072942.jpg
Slipstream. Accelerating climate solutions. For everyone. www.slipstreaminc.org

WI
Tony Luey
tluey@slipstreaminc.org
<https://b4conference.org/>
608-210-7106
Architect
Consultant
Custom Builder
Engineering
General Contractor
Green Building
Product Manufacturer
Remodeler

Single-Family Builder
Trade Association/Non-Profit