AIA CES APPROVED SEMINARS

Provider number: J157

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Tremco CPG Inc. is a passport provider of AIA/CES programs. Provider number: J157

The Roofing and Building Maintenance Division of Tremco Construction Products Group offers AIA CES approved seminars, a number of which are also approved by the International Institute of Building Envelope Consultants (IIBEC). Programs discuss technical advances and construction practices that can help achieve greater building performance, sustainability and energy requirements. Our field advisors can present these courses to small groups of architects/specifiers at association meetings or their offices. These seminars provide one HSW Learning Unit (except as noted) and may provide additional credits, as indicated.

To schedule a Tremco-sponsored AIA CES approved seminar, please scan this QR code to find a Tremco Roofing field advisor near you,
call us at 800.852.6013,
or email us at
https://www.tremcoroofing.com/contact/

CATEGORY	COURSE TITLE	COURSE NO.	DESCRIPTION
GENERAL ROOFING	Roofing Options	TR1 (2026)	This course is a review of the many different roof system options available to the designer. It provides a basic examination of system strengths and weaknesses, life cycle expectations, energy conservation impacts and other sustainable considerations.
	The Importance of Quality Detailing Note: 1 LU/HSW and 1 IIBEC CEH	TRM002 (2026)	A discussion of the complexities of flashing details as they pertain to different roofing systems. This presentation provides procedures on how to improve the quality of the roofing system details by being code compliant and making other upgrades to the specifications.
	Roof System Diagnostics	TRM032 (2026)	This presentation will describe the harmful effects of wet insulation in a roof system and the best methods for detecting moisture in a roof. The different diagnostic tools will be covered as well as the correct method of use for the different types of roof systems. Additionally, all the criteria for providing a comprehensive diagnostic roof system evaluation will be reviewed.
	Cooperative Purchasing Contracts Note: 1 Learning Unit only, no HS&W LU	TRM038 (2026)	The purpose of this seminar is to educate the Design Professional about Cooperative Procurement Contracts that education and other public agency clients utilize to purchase construction materials and/or services. These entities and their contracts are growing in number and satisfy bid law requirements in many states. Includes: the different types of cooperative contracts the Design Professional may encounter, how this method of purchasing can be of benefit to the Design Professional's relationship with existing clients, and how to utilize these contracts for business development.
	Codes and Approvals	TRM042 (2026)	The purpose of this seminar is to educate the Design Professional about how codes and approvals both govern and improve the quality and performance of a specified roof system. It reviews the International Building Code (IBC), International Energy Conservation Code (IECC), Energy Star Program, wind uplift considerations, Underwriters Laboratories (UL), and Factory Mutual (FM) requirements that pertain to the building envelope.
	Roof Warranties	TRM046 (2024)	Roofing systems are one of the few commercial construction building assemblies offered with a long-term warranty. Design professionals and building owners must be aware of what is covered, and not covered, by a roof warranty as well as be familiar with the different types of warranties, terms and conditions, and any owner requirements. Attendees will be introduced to the Uniform Commercial Code (UCC) and an important bulletin from the National Roofing Contractors Association (NRCA). Methods for specifying high performance, long-lasting roof membrane and flashing systems will be explained. Risk mitigation with regards to roof design and installation will also be discussed.
TRADITIONAL ROOF MEMBRANES	Modified Bitumen Roofing	TR3 (2026)	An introduction to modified bitumen roofing systems; Provides a basic examination of system strengths and weaknesses, life cycle expectations, energy conservation impacts and sustainable considerations.
	Single Ply Roofing Note: 1 LU/HSW and 1 IIBEC CEH	TR4 (2026)	An introduction to single ply roofing systems; Provides a basic examination of system strengths and weaknesses, life cycle expectations, energy conservation impacts, and sustainable considerations.

CATEGORY	COURSE TITLE	COURSE NO.	DESCRIPTION
TRADITIONAL ROOF MEMBRANES (CONTINUED)	**Modified Bitumen Roof System Field Inspection**	TRM019 (2026)	An on-site field inspection of a modified bitumen roof system to visually identify the different types of MB membranes; understand the difference between NRCA recommended details and field fabricated details; and understand the complexities of meeting code requirements and good roofing practice.
	Single Ply Roof System Field Inspection	TRM020 (2026)	An on-site field inspection of a single ply roof system to visually identify the different types of single ply membranes, components and attachment methods; understand the difference between NRCA recommended details and field technical details; and understand the complexities of meeting code requirements and good roofing practice.
	Evolution of Standing Seam Metal Roofing	TRM036 (2026)	This course covers the history of standing seam metal roofing. It also describes in detail the many types of standing seam metal roofs, when each is applicable, how to specify each and avoid the pitfalls of poor design.
	How to Recover an Existing Sloped Roof Using a Structural Standing Seam Roof System Note: 1 LU/HSW and 1 IIBEC CEH	TRM037 (2026)	This course is a discussion about the many benefits of a recover solution of existing sloped roofs with structural standing seam roof. It covers the different types of roofs that can be recovered, how to design a system to avoid common pitfalls, and the economic benefits of a structural standing seam recovery roof.
RESTORATION AND NEXT GENERATION ROOFING	**Fluid Applied Roofing Systems** Note: 1 LU/HSW and 1 IIBEC CEH	TRM028 (2026)	Fluid applied roofing systems are excellent choices for restoring degraded but still functioning roofs; they are also applicable for new construction. This course defines what "fluid applied" means. It also describes the different types, uses, and benefits of fluid applied roofing systems, including their ease of application, their potential for improving a facility's sustainability, and their flexibility for use as a flashing system.
	Roof Preservation: A Sustainable Option Note: 1 LU/HSW and 1 IIBEC CEH	TRM029 (2026)	This course is a discussion about extending the service life of an existing roof through restoration. We will explore the options and materials available and identify which types of roofing systems are best candidates for roof restoration. This course also delves into the economics and environmental benefits of roof restoration.
	Roof Restoration Systems Field Inspection	TRM039 (2026)	This course is a field discussion about how various types of roofing systems are restored and preserved. The course will explain different types of roof system diagnostic testing, including review of a thermal imaging/nuclear scan report. Various types of roofing membranes and their applicable restoration solutions will be discussed, as well as how to detail common roofing conditions. Lastly, attendees will learn how quality control inspections are conducted and what to be aware of regarding long-term, full systems warranties.
	Fluid Applied Roofing Systems Field Inspection	TRM040 (2026)	This course is a field discussion about how fluid applied roof membrane systems are installed. This course will review different configuration options for fluid applied roofs, including different overburden options. Fluid applied roof membrane technologies will also be discussed. The course will conclude with a comprehensive discussion of the advantages and disadvantages of fluid applied roof membrane systems.

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SUSTAINABILITY	Vegetated Roof System Assembly Design Note: 1 LU/HSW and 1 IIBEC CEH	TRM033 (2026)	This course is a discussion about the complexities of vegetated roofing systems. This presentation walks through the typical components of a functional green roof system and provides the procedures on how to improve the quality of vegetated roofing system designs by focusing on detailing and performance.
	Vegetated Roof System Assembly Field Inspection	TRM045 (2024)	This course is a field discussion and observation regarding the design and proper installation of vegetated roofing (green roof) systems. Attendees will be see the components used in a high-performance vegetated roof system and review typical installation details. Attendees will learn the pros and cons of various types of roofing and waterproofing membranes used underneath vegetated roofing systems and how to ensure the entire assembly lasts beyond the specified warranty. Vegetation, soil, and drainage options will also be addressed as well as preventative maintenance requirements.
BUILDING ENVELOPE	Facility Asset Management	TR8 (2026)	The Facility Asset Building Envelope Management presentation will help you eliminate small problems such as air & water leaks and minor imperfections before they become expensive issues that require major repair or replacement. By employing a proactive asset management program, you can significantly extend the service life of your roofing and building envelope, lower your total facility management costs, and reduce energy consumption.
	Maintaining Building Envelope Integrity	TRM026 (2026)	A review of water entry points in the building envelope; provides a basic review of often overlooked areas including coping joints, porous/ deteriorated masonry walls, thru-wall construction, wall louvers, window & door openings and HVAC entry points.
	Designing Safety Solutions	TRM031 (2026)	This course is a review of rooftop safety, hazards, laws and codes. The aim is to develop and reinforce general awareness of the risks that can be alleviated with properly designed rooftop safety solutions.
	Assessing & Maintaining Roofing and Building Envelope	TRM034 (2026)	Commercial roofing systems and roofing details can be very complex and difficult to properly maintain. Regular inspections and preventative maintenance can make all the difference in keeping these expensive assets performing well, even beyond their warranty. We will review possible water infiltration points in the building envelope and provide a basic review of often overlooked areas including coping joints, porous/ deteriorated masonry walls, flashings, counterflashings, window and door openings, and HVAC penetrations. Attendees will learn how to perform basic roof inspections and understand the different types of diagnostic tools used to discern roof problems.
	Assessing Building Connectivity Through Drone Technology	TRM044 (2024)	The purpose of this seminar is to educate the Design Professional about the rapid advancement of drone technology and its impact on the Building Sciences. Drone technology provides Design Professionals with the ability to remotely sense building envelope connectivity allowing for greater long-term performance. This leading-edge technology carries advanced high-resolution and thermal cameras, providing vantage points unachievable through traditional methods. The result is new, easily acquired and robust facility data. This presentation covers the latest in drone technology, building science applications & case studies, safety, privacy and regulatory elements.

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BUILDING ENVELOPE (CONTINUED)	**Fan Array Retrofits in AHU Restorations: Enhancing Energy Efficiency and Building Performance**	TRM050 (2025)	This session will explore the innovative approach of Fan Array retrofits as part of HVAC Air Handling Unit (AHU) restoration. Focusing on cost-effective, sustainable solutions, the presentation will delve into the benefits of retrofitting outdated fan systems with modern fan array technology. Participants will gain insight into the engineering, construction, and performance enhancements driven by Fan Arrays, including energy efficiency, reduced downtime, and improved air quality. Case studies will highlight the realworld impact of these solutions, providing attendees with a comprehensive understanding of how Fan Array retrofits can transform aging HVAC systems.

Tremco Construction Products Group (CPG) brings together trusted brands and companies dedicated to providing integrated solutions you can rely on. Together, we offer a comprehensive range of products and services designed to protect, seal, restore and enhance buildings.

Our brand portfolio includes Tremco, Dryvit, Nudura, Willseal, Prebuck and Pure Air alongside Weatherproofing Technologies Inc. and Weatherproofing Technologies Canada.

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