

# 12TH ANNUAL CEU SEMINAR

Friday, November 1, 2024

7:45am – 5:00pm PDT



**7:45am-8:00am**

**Welcome**

**8:00am-10:00am | Session 1**

**“Transform Your Architecture Practice into the AI Age: AI’s Impact on Practice, Ethics & Regulation”**

Dity Ayalon, AIA, SARA, Founder & CEO, ArkDesign.AI

*As AI increasingly influences the architectural industry, it is fundamentally altering how architects approach design, regulatory compliance, and the overall safety and well-being of building occupants. This session offers a thorough examination of the transformative potential of AI in ensuring design compliance with building codes and regulations, while addressing critical issues related to liability, ethics, and the safeguarding of human health and safety. Additionally, this session will delve into the legal implications of using AI in architecture, including issues surrounding professional responsibility, copyright of AI-generated designs, and the necessity for human oversight. Participants will gain a comprehensive understanding of how to navigate these challenges, ensuring that AI enhances rather than diminishes the safety, health, and welfare of building occupants. Participants will also learn how to leverage AI to streamline processes, reducing the risk of human error, and enhancing the overall quality of architectural designs.*

**10:00am-10:15am**

**Break**

**10:15am-12:15pm | Session 2**

**Choose Your Building Code Session**

Both sessions will be recorded and available for viewing by attendees after the seminar.

**Option 1**

**“2024 IRC Significant Changes”**

Cole Cloward, Shums Coda Associates

*This course reviews the changes from the 2018 edition of the International Residential Code. The background behind many of the changes will be discussed to provide the participant with an understanding of the intent of the changes and how to apply it to their everyday work to ensure that the buildings designed in accordance with the IRC will be safe for the occupants to live in.*

## **Option 2**

### **“2024 IBC Significant Changes”**

Bill Clayton – Shums Coda Associates

*This course reviews the changes from the 2021 edition to the 2024 edition of the International Building Code. The background behind many of the changes will be discussed to provide the participants with an understanding of the intent of the changes and how to apply it to their everyday work.*

### **12:15pm-12:45pm**

**Break for lunch**

### **12:45pm-2:45pm | Session 3**

#### **“Good Design is Sustainable Design: Affordable Pathways to Net Zero Energy Buildings”**

Rick Van Diepen, AIA, NCARB, LEED AP BD+C, Principal, GRN Vision Sustainable Design  
Matt Vaccaro, Energy Solutions Executive, Trane Technologies

*The AIA Code of Ethics states architects must, “consider with their clients the environmental effects of their project decisions.” Architects greatly influence a building’s final performance in terms of energy and water use, indoor environmental quality, climate resiliency, and carbon emissions. This course explores the options architects have to establish building performance targets early in the design process, for buildings of any size or budget. It will help architects identify cost-effective strategies and technologies that are simple to evaluate and incorporate into the building design in Nevada’s three climate zones.*

*In this course, participants will review case studies to see how architects and building owners have successfully implemented high-performance technologies. They will learn about financial incentives available in the 2022 Inflation Reduction Act for incorporating various sustainable design technologies. Participants will investigate the benefits to building occupant health and social wellbeing through the incorporation of simple sustainable design strategies such as thoughtful daylighting and access to views, thermal controls and improved indoor air quality.*

### **2:45pm-3:00pm**

**Break**

### **3:00pm-5:00pm | Session 4**

#### **“Ontology & Psychology of Color in Built Environments and Design”**

Ajla Kopicic, NCIDQ, RID, Senior Interior Designer, KGA  
Kelsie Timmons, NCARB, Architect, KGA

*Explore the ontology and psychology of color in built environments and design by examining how color impacts spatial experience, emotional well-being, and overall functionality. This course will cover the language of color in different settings and how individual and community experiences shape our psychological landscape. Participants will delve into the fundamental nature of color and its integration into design elements, and consider how color choices influence mood, behavior, and aesthetic experiences. Participants will analyze how color interacts with materials, light, and cultural contexts to shape user experience and understand its role in enhancing comfort, safety, and emotional health.*

### **5:00pm**

**Closing remarks**