

Agenda

Presented by *Michael Oh, Aaron Stallings, Chase Rowe, Andy Gandini, and Chris Feterowski*

Defining “Smart Home”

- Features/components of a smart home
- How the smart home improves the health, safety and well-being of occupants

Talking with Clients: How to Assess Clients’ Needs

- Determining appropriate scope of project
- Common client questions and concerns

Planning & Process

- Wiring and infrastructure
- Networks
- Budgeting

Lighting Systems

- Relation of interior lighting to occupant health and well-being
- Types of bulbs and fixtures
- Installation/Use of existing fixtures
- Control interfaces

Windows Treatments/HVAC/Energy

- Health benefits of natural light
- Energy efficiency benefits
- Shades and blinds
- Advantages of smart HVAC and energy systems
 - Coordinating energy storage, solar, and grid power

Security Systems

- Improving occupant safety and security
- Cameras and sensors
- Door entry and access control
- Monitoring: Apps and alerts

AV Systems

- Improving the acoustic environment for occupants
- Smart AV components
- Optimizing acoustics
- Multi-room integration

Architectural Integration

- Aesthetic considerations
- Understanding wellness in design

Control Systems

- Hardware and software
- Automation and networking systems

Case Studies

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Designing a Smarter Home

Live, Interactive Webinar - Monday, May 23, 2022

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Learning Objectives

You’ll be able to:

Assess client needs and answer client questions about smart home components and functionality.

Explain smart home benefits to homeowners, including improved energy efficiency, enhanced safety and increased occupant wellbeing.

Explore smart home functionality for lighting systems, window treatments and HVAC systems.

Use smart systems to coordinate renewable energy generation, grid power and energy storage.

Evaluate smart security systems and components to protect homes and homeowners.

Improve the acoustic environment for occupants using smart AV components.

Discuss case studies of actual smart homes.



HalfMoon Education Live Webinars

Designing a Smarter Home

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Explore all the typical components of a smart home

Improve the health, safety and wellbeing of occupants with smart home features

Upgrade lighting systems with smart features that improve occupant comfort

Use smart HVAC and energy systems to improve energy efficiency

Install smart security systems to protect homeowners and property

Integrate smart systems into a home’s architectural aesthetic

Continuing Education Credits

Professional Engineers

6.0 PDHs

Architects

6.0 HSW CE Hours
AIA: Pending

International Code Council

.6 CEUs (Building)

Interior Designers

6.0 HSW CE Hours
(details inside)



Faculty

Michael Oh *President, TSP Smart Spaces*
The founder of TSP Smart Spaces, Mr. Oh strives to make the complex simple - whether it's creating efficiency in your business or bringing smart home integration into your home. His expertise in understanding complex systems stems from both his MIT Aerospace Engineering degree and raising twin daughters. Mr. Oh believes our lives are infinitely improved through technology at work and home and finds passion in the topics of smart homes, cyber security, and drones!

Aaron Stallings *Director of Smart Spaces, TSP Smart Spaces*
Mr. Stallings describes his smart space design aesthetic as graceful and precise. Having studied interior design and architecture, he brings a comprehensive understanding of space and structure to his role as our director of Smart Spaces. At TSP, Mr. Stallings is using technology and home automation to make the most of light and space in residential and commercial properties to bring unique technology experiences to every project. He'd prefer to describe it as "The Jetsons, but for real and for now," though.

Chase Rowe *Design Engineer, TSP Smart Spaces*
With over 15 years of professional experience, Mr. Rowe comes to TSP with a passion for architecture and design-led thinking. "A house is a machine for living." This quote from Le Corbusier embodies the spirit of his goal for every project, to make the objective of "living" easier. Outside of TSP, he is working on building a 1980 Yamaha motorcycle entirely from scratch.

Webinar Information

Log into Webinar 7:30 - 8:00 am CDT	Break 10:45 - 11:45 am CDT
Morning Session 8:00 - 10:45 am CDT	Afternoon Session 11:45 am - 4:00 pm CDT

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Chris Feterowski *Specifier, TSP Smart Spaces*
Captivated by the ever-evolving field of smart spaces, Mr. Rowe finds passion in exploring and analyzing the cutting-edge technology seen in smart homes, especially in the aural realm. He comes to TSP Smart Spaces with a diverse range of skills having worked as an audio engineer and technician for live concerts, social events, and corporate showcases.

Andy Gandini *Sr. Field Engineer, TSP Smart Spaces*
Well-traveled with a wealth of experience, Mr. Gandini has worked everywhere from Manhattan skyrises to luxury yachts in Florida. Returning to his home state of Massachusetts, he brings with him a passion for smart technology that dates back to his first experience with his father's LaserDisc player and never let up from there. Mr. Gandini specializes in AV solutions for home theaters and loves bringing cinematic experiences to life in residential homes. His interests are as diverse as his background from working on cars and playing ultimate frisbee, to his love of heavy metal music.

Added Value: Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date.
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Additional Learning

Designing and Constructing a Net-Zero Energy Home
- Tues, April 26, 2022 | 8:30 am - 1:00 pm CDT
- Wed, April 27, 2022 | 8:30 am - 1:30 pm CDT

New Developments in Small Wind Energy Systems
- Thurs, April 28, 2022 | 8:30 am - 3:30 pm CDT

IBC Significant Changes: Administration and Building Planning
- Fri, April 29, 2022 | 11:00 am - 3:30 pm CDT

Construction Cost Estimating and Value Engineering
- Fri, April 29, 2022 | 8:30 am - 3:20 pm CDT

Design Considerations and Mixed Occupancy Options for Speculative Buildings
- Tues, May 10, 2022 | 9:00 am - 3:40 pm CDT

Revit Basics of Building Modeling
- Fri, May 13, 2022 | 9:00 am - 1:00 pm CDT
- Fri, May 20, 2022 | 9:00 am - 1:00 pm CDT

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