

# CEU Course Offering

## Herman Miller

### **Alexander Girard: Celebrating Life Through Design**

*AIA Program Number: ALEXGIRARD*

*Credits: 1 LU*

*IDCEC Course Number: CEU-107475-R1*

*Credits: 0.1*

In this course, participants will learn about the life, achievements, philosophy, and impact of Alexander Girard. With an emphasis on his wide-ranging body of work, especially textiles but including products, graphics, furniture, and interiors, the course presents Girard as a consummate multit talented designer who brought richness and humanity to modernism.

### **George Nelson: Architect Of American Design**

*AIA Program Number: NELSON2019*

*Credits: 1 LU*

*IDCEC Course Number: CEU-105858-R1*

*Credits: 0.1*

This course explores George Nelson's leadership and vast contribution to mid-century modern design and shares the breadth of his talents across teaching, writing, architecture, and a myriad of disciplines. It features prerecorded conversations with Nelson and celebrates his legacy of modern, humane design.

### **Modernism's Master Salesman: How Gilbert Rohde Sold Modernism to America**

*AIA Program Number: ROHDE*

*Credits: 1 LU*

*IDCEC Course Number: CEU-107477-R1*

*Credits: 0.1*

This course introduces participants to Gilbert Rohde and the critical role he played in introducing Americans to modernism. It covers his contributions to product and exhibition design, marketing, and education—all of which he used to try to persuade Americans to make modern design the national style.

### **Ward Bennett: Giant of Minimalism**

*AIA Program Number: WARD BEN2019*

*Credits: 1 LU*

*IDCEC Course Number: CEU-104824-R1*

*Credits: 0.1*

In this course, participants will learn about the life, achievements, philosophy, and impact of Ward Bennett. With an emphasis on his wide-ranging body of work and his minimalist approach, the course presents Bennett as a largely self-taught designer whose impact helped change the face of design in America and elsewhere.

### **Work as Play: How Charles & Ray Eames Built a Legacy by Amusing Themselves**

*AIA Program Number: WORKPLAYEAMES*

*Credits: 1 LU*

*IDCEC Course Number: CEU-106968-R1*

*Credits: 0.1*

This presentation explores how Charles and Ray Eames sense of play shaped their work across disciplines, from furniture design and architecture to exhibitions and film, as well as how that work shaped American Modernism. Learn about Charles and Ray Eames as individuals and collaborators, focusing on their belief that play is an intrinsic part of meaningful work.

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### **Cognitive Ergonomics in Workplace Design**

*AIA Program Number: COGERGO2019*

*Credits: 1 LU*

*IDCEC Course Number: CEU-106981-R1*

*Credits: 0.1*

*SHRM Professional Development*

*Credits (PDCs): 1*

A follow up to “Human Factors in Workplace Design: Designing Spaces that Are More Naturally Human,” this CEU provides a more thorough understanding of cognitive ergonomics. Cognition is the way we acquire knowledge and understanding through thought, experience, and our senses. A workplace that takes cognition into consideration in its design, including things like cognitive processing and information overload, helps us feel better. And when we feel better, we work better. By introducing participants to cognitive ergonomics and its implications for office design, this CEU will help them design workplaces that are healthier for everyone.

### **Human Factors in Workplace Design: Designing Spaces That Are More Naturally Human**

*AIA Program Number: HUMANFACTORS20*

*Credits: 1 LU*

*IDCEC Course Number: CEU-105618-R2*

*Credits: 0.1*

*SHRM Professional Development*

*Credits (PDCs): 1*

When we feel better, we work better. That’s one of many reasons it’s critical to consider human factors in workplace design. By providing an overview of physical, social, and cognitive ergonomics, this CEU will help participants design workplaces that are healthier for workers.

### **Physical Ergonomics in Workplace Design**

*AIA Program Number: PHYSERGO*

*Credits: 1 LU*

*IDCEC Course Number: CEU-104298-R1*

*Credits: 0.1*

*SHRM Professional Development*

*Credits (PDCs): 1*

This CEU will explain how the human body fits into the system that is the office. We’ll explore how and why the body experiences pain at work and give tips for designing furnishings, surroundings, and tools to fit the person.

### **Social Ergonomics in Workplace Design**

*AIA Program Number: SOCIALERGO2019*

*Credits: 1 LU*

*IDCEC Course Number: CEU-105839-R1*

*Credits: 0.1*

*SHRM Professional Development*

*Credits (PDCs): 1*

A follow up to “Human Factors in Workplace Design: Designing Spaces that Are More Naturally Human,” this CEU provides a more thorough understanding of social ergonomics. A workplace that helps us initiate and regulate social interaction, and that takes into consideration factors like personal space, physical and psychological proximity, and territoriality helps us feel better. And when we feel better, we work better. By introducing participants to social ergonomics and its implications for office design, this CEU will help them design workplaces that are healthier for everyone.

### **The Tech-Healthy Workplace**

*AIA Program Number: TECHHEALTH19*

*Credits: 1 LU*

*IDCEC Course Number: CEU-109631*

*Credits: 0.1*

*SHRM Professional Development*

*Credits (PDCs): 1*

This course provides an overview of how organizations can improve fit between employee and technology and make employees feel better and stay healthier and more productive at work. By providing various ergonomic tools that support people as they use technology, by understanding some of the physical, social, and cognitive issues related to the use of these tools, and by designing based on the needs of people and their work activities early in the design process, organizations can improve employee health, engagement, and productivity.

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**Comfort, Context, &  
The Impact of Materials**

*AIA Program Number: COMFORT2019*

*Credits: 1 LU*

*IDCEC Course Number: CEU-105993-R1*

*Credits: 0.1*

This course explores the role of colors, materials, and finishes (CMF) in providing such cues. CMF is one of many levers that can be used to meet fundamental human needs, make a space's use intuitive, and create comfort at work, which correlates with important business drivers, including productivity.

**Designing in The New  
Landscape of Work**

*AIA Program Number: DNLW*

*Credits: 1 LU*

*IDCEC Course Number: CEU-104172-R1*

*Credits: 0.1*

This course shares outcomes from global research into activities people engage in at work. It looks at how these activities can be supported with settings that contain the right mix of surroundings, tools, and furnishings.

**New Metrics of Place**

*AIA Program Number: NEWMETRICS*

*Credits: 1 LU*

*IDCEC Course Number: CEU-107500-R1*

*Credits: 0.1*

Traditional workplaces don't support the way people actually work today. To find out what kind of workplace designs do, Herman Miller is studying progressive work environments around the world. This CEU summarizes the findings of that research so far, including six emerging patterns of use and associated metrics that organizations can draw on to create, measure, and manage high-performing work environments that empower people to do their best work.

**Sensory Design at Work**

*AIA Program Number: SENSORYDESIGN*

*Credits: 1 LU*

*IDCEC Course Number: CEU-109789*

*Credits: 0.1*

Supporting teams remains a critical strategy for organizations looking to improve performance and attract talent. Designing optimal environments for group work requires understanding the unique needs of different types of teams. Specific team types can be supported with appropriate combinations of sensory design elements to help sustain energy levels that align with the tasks at hand. Drawing on research commissioned by Herman Miller, this course offers sensory design considerations for work environments that support four distinct types of teams.

**Teams at Work**

*AIA Program Number: TEAMSATWORK*

*Credits: 1 LU*

*IDCEC Course Number: CEU-109787*

*Credits: 0.1*

Supporting teams is a critical strategy for organizations looking to improve performance and attract talent. Designing optimal environments for group work begins with understanding the unique needs of different types of teams. Drawing on research conducted by Herman Miller, this course identifies four distinct team types and offers design considerations for supporting the specific individual and group dynamics of each.

**The Mind and Individual Work**

*AIA Program Number: MINDINDIVWORK*

*Credits: 1 LU*

*IDCEC Course Number: CEU-109497*

*Credits: 0.1*

As workplace design has moved toward a focus on maximizing collaboration and community, individual work began to suffer. The best workplace design, however, is balanced, supporting both collaborative and individual work. Drawing on research conducted by Herman Miller, this course identifies the five most common states of mind people seek to cultivate when they need to do individual work, outlines people's needs for each state of mind, and suggests ways that design can help meet those needs in order to achieve their desired state of mind.

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### **Protecting and Preserving Materials for Civic, Public Safety, and Higher Education Institutions with Off-site Storage Solutions**

*AIA Credits: 1 LU*

Although the world is becoming more digital every day, analog materials like books, museum artifacts, and police evidence are still central to many institutions' missions. This presentation explores strategies for safely and efficiently storing and providing access to these valuable materials in off-site facilities. Participants will learn about trends driving the move to off-site storage, the storage requirements of analog materials, and the process of designing off-site facilities. We'll also cover real-world cases involving a university, a police department, a museum, and a public library.

### **Modernizing Capabilities and Enhancing Readiness with Storage Solutions for The Military**

*AIA Credits: 1 LU*

*IDCEC Credits: 0.1*

Learn about Department of Defense initiatives, and how storage solutions can support modernization and readiness of the military by department. This course explores how furniture, fixtures, and equipment can maximize space, increase security, enhance occupant wellness, and contribute to DoD initiatives by incorporating functional solutions into military base design. Participants will learn how to leverage contracts as part of an effective acquisition method for their military clients.

### **Integrating Storage Across Campus: How Adaptability Starts with Flexible Storage**

*AIA Credits: 1 LU*

*IDCEC Credits: 0.1*

Planning spaces for higher education environments is about much more than lecture halls and dorms — A campus is a place of learning and working, socializing and relationship-building, wellness and discovery. This presentation will walk you through how to design facilities that not only help recruit & retain students and faculty, but also manage risk, improve efficiencies and safety, and help create flexible, future-proof spaces. This presentation will also outline trends and challenges that are impacting campus facility design and demonstrates how thoughtful storage solutions can help create highly functional interior spaces and directly influence the campus' ability to achieve its mission.

### **Transforming Libraries to Meet Users' Changing Needs**

*AIA Credits: 1 LU*

*IDCEC Credits: 0.1*

Libraries have responded to the changing needs of the communities they serve, and are seeking to create more flexible, open, and technology rich spaces. Architects and designers are required to design for flexibility and openness within existing and limited spaces. In this course, architects and designers will learn how to combat these challenges by using furniture, fixtures, and equipment that are able to reduce the amount of space being used for book storage and increase the availability of space with flexible FF&E. Through the proper design and use of mobile FF&E, designers will be able to design libraries that respond to up and coming trends.

### **How to Design for Space Constraints in Various Workspaces**

*AIA Credits: 1 LU*

*IDCEC Credits: 0.1*

Learn how to design for space constraints in a variety of workplaces from the office, to educational institutions, to museums and beyond. This course explores furniture, fixtures, and equipment that contribute to maximizing space through design. This course will provide participants with FF&E solutions that maximize space, are aesthetically pleasing, and contribute to occupant wellness. Participants will learn how functional solutions can be incorporated into a workplace's design and provide for occupants needs.

### **Museum Collections Storage Space Planning: Designing Safe, Efficient and Engaging Spaces**

*AIA Credits: 1 LU*

This presentation compares and contrasts traditional storage products against today's flexible storage solutions. The focus is on illustrating how today's customizable storage solutions can contribute to sustainable design goals and LEED certification efforts by design.

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### **Law Enforcement: Storage Secured**

*AIA Credits: 1 LU*

*IDCEC Credits: 0.1*

Law Enforcement: Storage Secured will identify major storage challenges and trends within law enforcement facilities. While identifying major storage compliance concerns, this presentation will also identify FF&E solutions for those concerns that maximize efficiency, save floor space, reduce construction costs, and keep criminals behind bars. Finally, the presentation will touch upon other major planning considerations for these facilities, such as floor loading, ventilation, lighting, and LEED® certification.

### **Designing Acute Care Environments with Point of Need Storage**

*AIA Credits: 1 LU*

In this presentation, we will follow medical supplies throughout the Acute Care environment in order to see how storage location and configuration, if correctly designed, can influence staff functions, staff efficiency, staff productivity, and ultimately... patient care. In addition, careful planning can produce marked improvements in inventory control - a prime importance in healthcare facilities today. Learn how to bring storage closer to the point-of-care, plan storage with sustainability in mind and understand the various storage planning considerations.

### **Floor Loading 101**

*AIA Credits: 1 LU*

Speed up the building design and decision-making process by avoiding unnecessary delays and changes with an ability to identify the new construction building types most suitable for high-density storage. Moreover, several strategies exist to accommodate heavy storage system loads. These include the ability to reorient, redistribute, relocate, reconfigure and reinforce. This program contains an illustrated case study as well as several examples of post construction modifications and supplements for high-density storage.

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**Healthy Design in a Post-COVID World:  
Clean Air & Wellness From  
The Top Down**

*AIA Program Number: HDPCW21*

*Credits: 1 LU /HSW*

*IDCEC Course Number: CC-114281-1000*

*Credits: 0.1*

*GBCI Course Number: 0920023685*

*Credits: 1 LU*

The COVID-19 pandemic is redefining standards for health and safety protocols in all aspects of life, including indoor spaces. As employers, educators and building owners seek to reopen their facilities, they are looking for ways to meet the heightened expectations of their workers and occupants. Guiding these decisions are recommendations from industry organizations such as the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), which offers guidance on how changes to building operations, particularly HVAC systems, can reduce airborne exposures.

**Integrated Ceiling and  
Lighting Solutions**

*AIA Program Number: LS301*

*Credits: 1 LU | HSW*

This one hour seminar will focus on understanding the importance of pre-engineering ceiling and lighting integration. It will cover common construction issues caused by uncoordinated ceiling and light conditions. The course introduces and educates participants on the value associated with pre-Engineered ceiling and lighting solutions, as well as the Health, Safety, and Wellness contributions of good lighting practices.

**The Advantages of Drywall Grid**

*AIA Program Number: DGS0418*

This course will help you understand why drywall grid is important on projects and how it can benefit your overall design intent and vision. The course will walk through the benefits of pre-engineered drywall grid vs. traditional design and construction methods. By the end of this course you will understand how to implement these new construction methods into your ceiling design to find savings and reduce RFI's.

**Specifying Metal Ceilings**

*AIA Program Number: 06MC1*

*Credits: 1 LU*

This course on specifying metal ceilings helps participants understand the attributes and benefits of using metal ceilings. This one-hour course identifies key segments and spaces where metal is being used today in commercial interiors, as well as its use in exterior applications. The course also describes the possibilities and limitations in specifying a variety of different sizes, shapes, and patterns.

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### **Specifying Wood Ceilings**

**AIA Program Number: 010SMC**

**Credits: 1 LU**

The selection and specification of wood ceiling and wood walls can produce many aesthetic, functional, and sustainable design benefits and challenges. This CES program will inform the professional specifier of how wood ceiling and wall product attributes like size, composition, shape, veneers types, and quality can impact the schedules and costs on projects in which they are used. Participants will also learn how specific attributes of wood panel systems can impact important functional criteria for passive acoustics, fire performance, plenum accessibility, and environmental sustainability affecting LEED/FSC Certification.

### **Acoustical Design for Today's Buildings**

**AIA Program Number: ADTB**

**Credits: 1 LU | HSW**

**GBCI Course Number: 0920017068**

**Credits: 1 LU**

**IDCEC Approved Credits: 0.1**

Have you heard a great building lately? How someone experiences a building relies on the experience of all their senses including their sense of hearing. As soon as someone or something makes a sound, the acoustic design becomes evident. Poor architectural acoustics can negatively affect building occupants' concentration, comprehension, confidentiality, healing, and/or learning. By contrast, good sound qualities can add drama, vibrancy, and energy, enhancing the occupant experience. Join us to explore the many options available today that help architects design for acoustics without compromising their design vision.

### **A New World of Acoustics**

**AIA Program Number: ANWA**

**Credits: 1 LU**

**GBCI Course Number: 0920018111**

**Credits: 1 LU**

**IDCEC Approved Credits: 0.1**

This one-hour seminar outlines current and emerging options available to architects and designers, including a broad range of choice in interiors, renovation and restoration, products and materials, and sustainability. At the end of the seminar, participants should be able to understand acoustical terms, definitions, and concepts, explain various needs for balanced acoustical design by segment and trends like exposed structure, and understand the value and effect a balanced acoustical environment has on the people in the space.

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# DIRTT

## **Build Better for Education**

*AIA Program Number: DIRTTE9*

*Credits: 1 LU*

*IDCEC Course Number: 105956*

*Credits: 0.1*

This course explores how manufactured interior construction solutions speak directly to the challenges designers face in developing and operating K-12 and higher education facilities. The advantages of faster project delivery; cost and time savings; quality control; and the ability to anticipate and address health, safety and welfare concerns all strengthen designers' ability to create engaging, flexible spaces that extend and strengthen the lifecycle of an academic building.

## **Improve Healthcare Outcomes**

*AIA Program Number: DIRTTE6*

*Credits: 1 LU/HSW*

*IDCEC Course Number: 108648*

*Credits: 0.1*

Healthcare construction requires specific knowledge and experience to deliver a building that can function as an asset to the organization. Construction costs and schedules are increasing, the availability of skilled construction workers is decreasing, and healthcare providers face regulatory and revenue uncertainty. Changing delivery models, programmatic requirements, and emerging technologies demand flexibility. This program focuses on how to implement multi-trade offsite manufactured construction to provide cost certainty and enable faster construction so that health care providers can open sooner and generate revenue faster while gaining flexible infrastructure that embraces change and controls costs.

## **Sustainable Product Manufacturing**

*AIA Program Number: DIRTTE8*

*Credits: 1 LU/HSW*

*IDCEC Course Number: 104296*

*Credits: 0.1*

LEEDv4 and other green building standards reward project teams for the use of tools that measure the building environmental impacts. There are good reasons for a manufacturer to conduct a Life Cycle Assessment (LCA), Environmental Product Declarations (EPDs) and Health Product Declarations (HPDs). Diminishing the embodied energy and ecological impacts of products can reduce manufacturing costs and improve the bottom line financially and environmentally. Explore the sustainability case for these transparency measures using the example of one product manufacturer; in a facilitated exchange, discuss their strengths and limitations. Answer the questions: Are these measures sufficiently robust to withstand scrutiny and be widely applied at this time? What benefits would your professional practice realize by adopting these material assessment measures?

## **Technology-Driven Manufactured Construction**

*AIA Program Number: DIRTTE10*

*Credits: 1 LU/HSW*

*IDCEC Course Number: 105996*

*Credits: 0.1*

Technology-driven manufactured construction is customized prefab construction for the building interior. The key is technology—real-time, interactive 3D software—that integrates with CAD, Revit and manufacturing software, bridging the gap between the client-design team and the manufacturer. The result is high-performance interiors that keep their value over time. This type of construction is especially suited to projects where speed is of the essence and when clients require certainty of price and quality. Manufactured construction promotes safety at the project site and can be specified to contribute to better indoor air quality. The ability to integrate technology hardware in the physical space, environmental sustainability and design control are other benefits.

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**Illuminating Our Experiences with  
Human Centric Lighting**

*AIA Program Number: IEH001*

*Credits: 1 LU/HSW*

**Fabrics for Performance  
Shading: A New Methodology  
for Daylighting Design**

*AIA Program Number: FPS15*

*Credits: 1 LU/HSW*

*USGBC Course Number: 0920003633*

*Credits: 1 GBCI CE Hours*

Human centric lighting is an oft-discussed design term; yet, there is confusion about what it is and how to use new (and existing) technologies to achieve it. This course helps professionals understand 1) how to define human centric lighting, 2) what benefits it can provide to people, buildings, and businesses, and 3) how to practically apply it when designing projects. It also addresses the intersection between electric light and natural daylight, and how achieving a human centric design requires an integrated approach to those two disciplines. This course will be especially useful to interior architects, interior designers, and lighting designers.

This course is targeted towards specifiers and members of the design community to help better educate them on the effects that shade fabrics have on building performance. Today, fabrics are typically selected based on aesthetics and a designer's past experience, which results in compromised energy savings and occupant comfort. Research is establishing that fabric properties, particularly openness factor, visible transmittance, and solar reflectance, play a huge role in glare reduction, daylight autonomy, and view preservation. The key to maximizing energy savings and occupant comfort is finding the right balance between each project's parameters and priorities. With the research, metrics, and data, this presentation will drive architects and designers to select fabric as a key component of the building performance system, as opposed to a furnishing. This new methodology will give the architectural community the ability to optimize the design of their shading system based on performance (glare, daylight, and view) and aesthetics.

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