

COURSE DESCRIPTIONS

WEDNESDAY, OCTOBER 26th

Bikitecture Tour 2022 3HSW 222-011

Tour through portions of Rogers, Bentonville and Springdale, Ark. with various stops along the way, highlighting areas of historic background, recently renovated buildings, new building construction, urban development, future developments, and continued growth within this region of Arkansas. Members of the NWA Trails & Bikeways will join us for part of the tour to discuss current progress, master planning, and ongoing work with the city's multifaceted trail system. Each stop along the route will have a brief discussion by a presenter about the significance of each site. Not only will this tour educate about architectural significance in the area, but it will also act to promote safe bicycle riding and healthier communities in general. The first leg of the route will begin in Rogers, travel north to Bentonville, then return to Rogers. It will be approximately two hours. The second leg of the route will travel south from Rogers to Springdale. It will be approximately one hour. Refreshments will be provided during event.

Sponsored by: Clark Contractors

THURSDAY, OCTOBER 27th

Easy Ways to Screw Up a Net Zero Energy Building: Case Study of Entegriety's Headquarters 1HSW 222-012

Our project showcases the brave team that has attempted a Net Zero Energy (NZE) Building and has the scars to prove it. So, pull up a log, and gather around the fire as April Ambrose, a LEED Fellow, candidly shares the successes and failures of a NZE building. Using Entegriety's headquarters as an example, this intrepid explorer shows you in color the demons that plagued their team at each phase of the process: Design, how to get it wrong from the start; Construction, the trials of explaining to others how to not get it wrong; Operations, no, you can't use your space heater to toast marshmallows; and, the performance period; where the terms "predicted" and "actual" are frenemies. Hopefully the stories she shares will help you avoid the same pitfalls as you chart your path into your own NZE future. Net-Zero buildings provide no room to hide from performance challenges associated with the design, construction, or operations phase of a project. There is no one-size-fits-all approach and continuous monitoring and adjustments must be made through each phase of the building's life-cycle, while honoring the occupant experience.

Low Carbon Concrete-It's Here -Concrete Reinforcing Steel 1HSW 222-013

Low Carbon Concrete Strategies. The push to lower the carbon footprint of all materials, processes, and products is well under way. Concrete has been singled out in new legislation as non-sustainable. Is this true? What can be done about that? How can you minimize the carbon footprint of your next concrete project? This presentation explores these questions.

Tax Strategies in the Architecture Industry: Why your competitors are pursuing R&D credits and you should too 1LU 222-014

In today's hyper-competitive A/E/C business climate, you need every edge that you can get to boost your firm's after-tax profits. Beyond the usual ways to increase revenue and contain operating expenses, did you know that there is a little-used research and development (R&D) tax credit that you can use to decrease your A/E/C firm's federal and state income tax obligations? As of 2016 the credit has been not only been legislated PERMANENT but has also implemented the highly sought AMT (Alternative Minimum Tax) off-set. Latest insight on the R&D tax credit that is designed to reduce the high cost of innovation in the United States.

Leveraging Content Management Solutions 1LU 222-015

Architecture firms waste an incredible amount of time procuring Revit families for use in projects. Some firms have built impressive folder structures of content that are still difficult to build, maintain, and distribute the content in efficient ways. Content management solutions have become the way the majority of firms have addressed this problem in the past few years. Learn how the intelligent harvesting, improving, and distribution of project content is "Practice management: This category focuses on areas related to the management of architectural practice and the details of running a business." Content management solutions directly relate to the management functions of the architectural practice. Content management solutions can equip architects in the evolving work-from-home landscape to still have cloud access to content needed to produce construction drawings. Some content management solutions have active model analytics. This allows firm managers to access information about project performance and employee-level project analytics.

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Investing in Your Future: Using Retirement Plans for Your Benefit 1LU 222-016

No matter what stage of life you are in, saving for retirement is important. If you own a business, you can use a retirement plan as a tax planning tool. In this session, learn the benefits of both saving for retirement and using a retirement plan as a tax savings.

Designing with High-Performance PVC Wall and Ceiling Systems 1HSW 222-017

Polymer wall and ceiling systems are an innovative material assembly that, when incorporated into a building's design, can improve the health, safety, and well-being of occupants and those involved in the building construction process.

Designing Gymnasiums for Telescopic Bleacher Systems 1HSW 222-018

Goal is to develop a clear understanding of the six standard applications of telescopic seating systems and gain knowledge of ADA Solutions, sightlines, seat options and accessories: Safety, Health and Welfare options.

Highlighting Your Current Skills & Team to Make Your Interviews Better 1LU 222-019

Blah... blah... blah... Interview selection teams often hear a lot of blah on their way to choosing the right architect. When it's your turn, you don't want your audience fading away on you while you present your approach. Just like a highlighter, you want to stand out to make your message and your team pop. Lindsay Young, Nu Marketing

Confronting A Crisis 1HSW 222-020

Case Study. An architect was hired to design a major renovation to a publicly owned science/tech museum. After construction was complete, an unfortunate event occurred. While it appeared that the architect had little responsibility for the accident, the plaintiffs' lawyer was determined to ruin all the defendants.

Sustainable Design Through Daylighting 1HSW 222-021

Daylighting strategies available through the integration of structural sandwich panels, energy conservation, enhancements, options, form and aesthetics. The many benefits to health, productivity, safety and sustainable design will be discussed

Think Better-Neuroscience, The Next Competitive Advantage 1HSW 222-022

It's fast becoming a deeply embedded yearning of our time: In workplaces throughout the world, there's awareness that we're not performing to our full potential and too many distractions are to blame. While the diagnosis may seem clear, most people feel helpless to do anything about it other than to keep working harder at staying focused. But neuroscience research is now shedding new light on the fundamental problem, offering decipherable clues for how to better support attention at work. By integrating the discoveries of neuroscience with their own investigations into worker behaviors and the changing nature of work, the Steelcase WorkSpace Futures team offers new insights and ideas for how workplaces can be reimaged in innovative ways to optimize brain performance.

Intergrade: A Panel Discussing the Evolution of Design Practice & Relations in a Post-Pandemic World 1HSW 222-023

The AIA Arkansas Emerging Professionals / Young Architects Committee presents a panel discussing the recent Design & Construction Industry trends, in light of global health, societal, manufacturing & logistical changes. Looking at these shifts from the perspectives of an architect, owner, contractor, and manufacturer, this conversation will dig into case studies that reveal how the related challenges and opportunities led to the overall success of the project. It will also cover issues that architects, owners, contractors, and manufacturers will be dealing with over the coming years, including changes to workplace design, developing and maintaining a workforce, sustainability, renovation of existing buildings, and emerging technologies that will affect the design and construction process.

Sponsored by: ImageWorks Commercial Interiors

Cities that Thrive Panel Discussion 1.5HSW 222-024

The Northwest Arkansas metropolitan area has been growing exponentially over the past decade, and even more explosive growth is expected in the coming decade. A panel of local guests working in different aspects of city development and related fields across NWA will share about their respective roles and experiences. How do things like downtown programming, housing affordability, public transportation, and parks and trails contribute to our cities? What can architects across Arkansas do to help to bolster the cities we live and work in and help them to truly thrive? **Panelist:** Jill Dabbs-Downtown Springdale Alliance, Tiffany Hudson-Partnership for Affordable Housing, Joel Gardner-Ozark Regional Transit, Alison Jumper-Fayetteville Parks and Trails

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Collaborations 1HSW 222-025

Deborah Berke Partners

This lecture will focus on architecture as a practice of collaboration in a specific place and through time, with emphasis on the promise and potential for reconsidering, reusing, and reworking old buildings and spaces for new futures. Deborah Berke Partners approaches these transformations as complex dialogues between the past and present experience of a place, and as environmentally & socially positive acts.

Featured Speaker: Noah Biklen, AIA – Deborah Berke Partners

Eliciting Emotion: An Integrated Approach to Architecture, Art and Interiors 1.5HSW 222-026

Michael Hsu Office Architecture

Thoughtful integration of interior design and custom art can enhance architecture by eliciting emotion and creating a memorable experience. A strong sense of place with a compelling story is defined through materiality, custom furnishings and partnerships with artisans. This session explores layering these elements within hospitality design.

Featured Speaker: Tracie Gesch, AIA & Maija Kreishman, AIA - Michael Hsu Office of Architecture

FRIDAY, OCTOBER 28th

Inclusive Practice Yields Design Excellence 1HSW 222-027

EVOKE Studio

This course highlights the importance of including diverse voices within design professions with a focus on Architecture and shows how a diverse practice can lead to award winning design.

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Featured Speaker: Teri Canada, AIA - EVOKE Studio

Right in Front of Your Eyes: Seeing Design All Around You 1.5LU 222-028

Michael Schultz Photography

From the beginning of his interest in photography, fostered by three mentors who also worked in architecture, Michael Schultz has found and composed spectacular images from unlikely surroundings. His journey has driven him to explore everything from the North American landscape, to dissolving industrial structures around the world, to the depths of global hot metal industries and mining. Michael will guide us through his photographic career, describing the development of his 'architectural eye.'

Featured Speaker: Michael Schultz - Michael Schultz Photography

Future Cities: Re-Plan, Re-Build, Re-Pair 1.5HSW 222-029

Ross Barney Architects

Discover how cities are adapting and rebuilding to respond to the forces of climate change and setting plans for the future.

Featured Speaker: Carol Ross Barney, FAIA - Ross Barney Architects

Avoiding Style 1.5HSW 222-030

Tod Williams Billie Tsien Architects | Partners

This course will review of a number of early projects where we were being influenced by the content and images of others. Following, we'll discuss recent work where we will question whether we can free ourselves from our own histories?

Featured Speaker: Tod Williams, FAIA & Billie Tsien, AIA - Tod Williams Billie Tsien Architects | Partners

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