



Institute for Facilities Management Elective Catalog

**June 3-5, 2025
Orlando, FL**

Tuesday, June 3, 2025
1:10pm – 2:20pm

Select 1 session from this group

528 - Campus Safety & Security

Faculty: Joseph Han

This course will address the unique challenges of managing campus security and security programs. Topics will include such safety issues as lighting, communication systems, pedestrian safety, safe rides, broadcast alert systems, student activism, campus police models, and emergency telephones. Events on over the past year have brought campus safety to the forefront of higher education leadership. Participate in discussions of new safety initiatives occurring on campuses.

541: In House Construction

Faculty: Mark Stanis

Discuss effective processes and procedures for providing in-house construction services. Review staffing and organization, workload management and leveling, budgeting, recharge rate structures, billing procedures, and productivity and incentives to perform.

633: Cybersecurity

Faculty: Tom Rodgers

In this session we will cover general cybersecurity management of Operational Technology systems. Over the last several years, Industrial Internet of thing (iiOT) devices and evolution of Internet Protocol (IP) based systems have been more prevalent. As Building Automation Systems (BAS) evolve, we need to take a risk-based approach to securing those devices and follow NIST guidelines whenever possible. We will talk about some ways to mitigate risk including, network segmentation, vulnerability and Identity and Access Management.

701: Building Civility in the Workplace

Faculty: Jamie Gayer

It's time to shift the language on focused tips on how to build civility in the workplace and do a deeper dive into how it builds communication and community. Shifting away from the broad scope originally covered in 'Creating a Culture of Respect' and deepening the resources provided to help people navigate being uncomfortable.

Tuesday, June 3, 2025
2:40pm – 3:50pm

Select 1 session from this group

518: Manager as Coach

Faculty: Michelle Frederick

Coaching is experiencing dramatic growth as a valuable management tool for managers and supervisors. You will sharpen your communication and management skills as you integrate the coaching examples, skill-building exercises, and coaching tips and traps into a positive approach with your employees. Coaching is applicable in all areas of management but is especially valuable in evaluations, discipline, positive and negative feedback, and career development.

660: Integrated Capital Planning

Faculty: Mark Miller

An Integrated Capital Plan sits at the intersection of capital investments and operational funding. Learn how to develop a capital project priority matrix employing TCO and integrating operating and capital budgets to address deferred maintenance and capital renewal.

702: AI and Machine Learning

Faculty: Tom Rodgers

This course is designed to equip you with a conceptual understanding of AI in facility management, maintenance strategies, and the transformative impact of AI integrations in facilities. You'll learn to understand how to integrate AI into different environments, explore essential maintenance strategies for optimal facility operations, and service support. We also will talk about Smart Buildings - AI Applications and Digital Technologies. We will introduce general concepts of smart buildings and the impact of using existing tools with AI. Students will engage in interactive learning to understand AI and other emerging technology applications in the built environment, with real-world examples.

703: Navigating K-12 Facilities Management: Unique Challenges and Strategic Solutions

Faculty: Lazell Ofield, II

This session will explore the distinctive maintenance, and operational challenges faced by K-12 school districts. Unlike higher education campuses, K-12 districts are often geographically dispersed, serve a diverse and younger customer base, and contend with unique financial constraints. Participants will engage in discussions about essential codes and standards, effective planning and scheduling strategies, security concerns, and the financial and business factors that shape facilities management in primary and secondary schools. Attendees will gain insights into how to adapt traditional facilities management approaches to meet the specific needs of K-12 environments.

Wednesday, June 4, 2025
1:10pm – 2:20pm

Select 1 session from this group

520: Project Management

Faculty: Brian Lasey/Gabe Hampton

Project management isn't just about construction but is useful in any project that you are doing. This class will provide an overview of the five process groups of Project Management - initiating, planning, executing, controlling, and closing - and the project manager's roles and responsibilities.

545: Designing for Maintainability

Faculty: Joel Sims

Discuss procedures to assure that institutions achieve the best overall value from their investment in new or renovated facilities. Understand the balance between aesthetics and durability and how they both play an important role in design. Discuss the evaluation of facility designs based on life cycle costs and learn the questions to ask during the design process so that you help create an overall better product.

557: Panel Discussion - O&M Trends & Topics

Faculty: Faculty Panel Discussion

This interactive panel discussion will provide attendees an opportunity to discuss emerging trends in Operations and Maintenance with a faculty panel. Come prepared with questions and/or topics of interest you would like to discuss.

APPA's Institute Panel Discussion is an opportunity for the attendee to share their thoughts and experiences on a specific subject. These panels are facilitated by an APPA faculty member who will guide the conversation along the interests of the participants. No formal presentations will be given. All attendees should be prepared to engage in active conversations with their colleagues.

586: Ethics in EU

Faculty: Lindsey Wagner

This elective provides an in-depth review of issues related to electrical systems including planning, construction and workplace procedures, training, risk management, insurance, due diligence, safety, loss prevention, identifying critical systems, and equipment reliability. Case studies will be presented.

Wednesday, June 4, 2025
2:40pm – 3:50pm

Select 1 session from this group

561: Blueprint Reading

Faculty: Sadie Greiner

This hands-on fundamental course is designed for individuals in facilities administration and operations who are responsible for reviewing design drawings for campus projects. Learn the techniques for reviewing and interpreting plans and elevations by envisioning three-dimensional space from a two-dimension representation. Review how architectural and engineering drawings, better known as "blueprints", once reproduced for review, are structured, layered, detailed, cross- referenced and more.

655 – Operations & Maintenance Staffing Guidelines

Faculty: Tom Flood

Review the activities associated with maintenance and operations staffing and organization. This course will investigate various methods for determining facilities maintenance, custodial, and grounds maintenance needs and predicting appropriate staffing levels. Specific use of the trilogy of APPA staffing guidelines publications will be explored in a workshop approach. Discussion will also focus on defensible methods to demonstrate staffing needs and to validate costs.

705: Building Performance Standards

Faculty: Mansi Talwar

This course offers a comprehensive understanding of building performance standards (BPS) and their role in promoting energy efficiency and sustainability. It explores essential concepts, compliance strategies, and financial and operational benefits of meeting BPS requirements, including a case study on successful implementation. Financial strategies for funding and managing energy efficiency projects will also be discussed. Participants will gain practical insights to effectively drive energy efficiency, ensure regulatory compliance, and optimize financial outcomes.

801: Generations

Faculty: Jamie Gayer

Managing a multi-generational workforce in facilities management requires understanding diverse work styles, communication preferences, and motivational factors. This session will equip leaders with strategies to foster collaboration, improve communication, and enhance workplace engagement across different generations. Through interactive discussions and real-world scenarios, participants will learn how to bridge generational gaps, implement knowledge-sharing practices, and create an inclusive work environment. By the end of the session, leaders will have actionable insights to enhance team cohesion and productivity.

Thursday, June 5, 2025

1:10pm – 2:20pm

Select 1 session from this group

275: Lions, Tigers & Bed Bugs, Oh My! (Integrated Pest Management)

Faculty: Ed von Bleichert

Recent infestations of bedbugs have caught the attention of campus residence managers throughout educational facilities. Explore the methods to prevent bed bugs, best practices in response once they've been found, and outreach programs for communications to students and parents. The session will address other pests and pesticide programs and provide opportunity for participant discussion on specific issues on their campuses.

445: Project Commissioning

Faculty: Jeff Gee

Project management isn't just about construction but is useful in any project that you are doing. This class will provide an overview of the five process groups of Project Management - initiating, planning, executing, controlling, and closing - and the project manager's roles and responsibilities.

521: APPA 101

Faculty: Michelle Frederick

Do you want to be perceived and recognized as a professional in the field of educational facilities management? APPA is the gathering place for those of us engaged in the field of educational facilities management and dedicated to the ongoing evolution of its professionals into influential leaders in education. This course will introduce you to APPA's outstanding programs and offerings. It will also discuss APPA's highly sought-after credentialing program Certified Educational Facilities Professional (CEFP).

802: Career Mapping

Faculty: Xavier Rivera Marzan

Career mapping is a process that helps people understand their career paths and how to advance in their careers. It can be used by both employees and employers. This dynamic session will provide examples of how career mapping can be implemented in Facilities Departments.

Thursday, June 5, 2025
2:40pm – 3:50pm

Select 1 session from this group

282 - Building Automation Systems

Faculty: Allen Boyette

This course will provide an overview of a Building Automation System (BAS) utilized to monitor and control typical building HVAC systems. The course will cover typical architecture for web-based systems, industry terms, types of systems, system components, and communication protocols. Discussions will include the benefits and effective uses of BAS systems for facilities managers related to energy conservation and customer service as well as future trends in the industry.

401 - Navigating Disruptions in Construction Industry

Faculty: Jeff Gee

Facilities management professionals are constantly challenged on the cost of construction and improvements. This session reveals the reasons behind the high cost of higher education construction by breaking this issue down into its component parts. The session also explores how capital projects are typically funded and the challenges with making total-cost-of-ownership based project decisions.

510: Preparing for Career Advancement in Facilities

Faculty: Brian Lasey/Gabe Hampton

A group of Institute faculty who are current or former senior facilities officers will offer their advice on what actions and preparations attendees can take to pursue progressive career paths in the profession. Questions related to education, professional development, leadership development, credentialing, APPA engagement, networking, working across organizational boundaries, serving leadership and colleagues, and other career building topics will be covered. All attendees should be prepared to engage in active conversation.

658 – EU Hot Topics

Faculty: Faculty Panel Discussion

In this session, participants will be able to hear about the latest developments in the world of Energy and Utilities. Whether it is the latest on fuels, processes, technology or decarbonization, we will explore some of the recent news and trends. We will encourage active engagement to allow for experience exchanges.

