



Tuesday, June 25, 2024

SELECT 1 ELECTIVE FROM THIS TIME PERIOD

1:10pm – 2:20pm

513 - Maintaining Historic Properties

Faculty: Mark Stanis

Many higher education campuses have facilities designated as historic property. Using these facilities efficiently, while preserving their historic character can be challenging. This elective course will include such topics as non-invasive maintenance practices, artisan training, preservation techniques, and the value of research.

570 - Strategizing for Technology-driven Disruptive Change

Faculty: Don Guckert

Accelerating technology is bringing on a wave of disruptive change that is transforming industries across all economies, including higher education facilities management. This disruption is being driven by the exponential growth of AI, Big Data, IoT, and 5G. The work that facilities management professionals do will change; but how they do it will change even more. Explore the megatrends that are reshaping the profession and how to prepare and strategize for the transformational changes that will define the decade.

633 – Cybersecurity

Faculty: Tom Rogers

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 technology 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 of originally covered in 'Creating a Culture of Respect' and deepening the resources provided to help people navigate being uncomfortable.

SELECT 1 ELECTIVE FROM THIS TIME PERIOD

2:40pm – 3:50pm

515 - Business Communications

Faculty: Mary Vosevich

Learn the elements of effective written and oral communication. Class addresses style, audience analysis, format, presentation, and delivery. Effective communication strategies for presentation and delivery. Effective communication strategies for professional settings will be discussed. Learn the difference between 'your need to tell' and 'your audiences' need to know'.

546 -Design Standards

Faculty: Sadie Greiner

Learn how to communicate to the design consultant your campus needs in a new or renovated building. Review how to develop a set of institutional guidelines and standards for design consultants to utilize in the design of a campus project and how to contractually bind the consultant to your guidelines and standards. Discuss how to create feedback loops, for revisions to the standards, from the maintenance and custodial organizations and other stakeholders.

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.

702 – Facility Management Revolution: AI (Artificial Intelligence)

Integration Essentials

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.

Wednesday, June 26, 2024

SELECT 1 ELECTIVE FROM THIS TIME PERIOD

1:10pm – 2:20pm

520 - Project Management

Faculty: Mary Vosevich

Project management is not 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 - initialing, planning, executing, controlling, and closing - and the project manager's roles and responsibilities.

557 - O&M Trends & Topics (Panel Discussion)

Faculty: Chris Smeds, Rollie Zumbrunn, Ruthann Manlet, Alan Boyette, Joseph Han, Ed von Bleichert

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: Lindsay Wagner

This elective will look at the ethics of renewable energy, carbon credits, and carbon neutrality goals. Participants will explore current practices through an ethics lens.

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.

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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.

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.

550 - Metering, Measuring and Verification

Faculty: Larry Schuster

While managing energy use and costs has always been considered an important objective of any facilities management organization, the impact of spiraling energy costs has made this issue more important now than ever. Key to managing energy costs is knowing where, when, and how energy is being used.

700 - Navigating the Changing Inclusion Landscape

Faculty: Jamie Gayer

Given the changing nature of institutions being able to even talk about DEIB topics, its timely to talk about the importance of inclusion work and how it happens regardless of what 'words' can be used. This class will still give pertinent tips and resources to help leaders navigate in that workspace.

Thursday, June 27, 2024

SELECT 1 ELECTIVE FROM THIS TIME PERIOD

1:10pm – 2:20pm

315 - “Best Practices” for Plant Organization & Operations

Faculty: Suzanne Kitten

This session will examine “best practices” related to procuring, generating, and distributing utilities. The session will begin with a review of all activities necessary for successful plant operation. It will then focus in on a few effective strategies for dealing with recent challenges in the utility’s environment. This class will utilize a big picture approach to best plant practices, including using Standard Operating Procedures to capture every required in a utility plant as well as assigning responsibilities. This concept could be applied in other areas of facilities management.

401 - Disruptive Changes in the 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.

521 - APPA 101

Faculty: Christina Hills

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).

526 - Waste Management

Faculty: Ed von Bleichert

This course will provide an overview of recycling and solid waste management programs. Discussion topics will include alternatives, collection system design, performance measures, financial aspects, environmental impact, current technology, and future trends.

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510 - Preparing for Career Advancement in Facilities Management

Faculty: PDC Faculty

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.

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.

653 - Retro-Commissioning – An O&M Perspective

Faculty: Allen Boyette

This session will provide an overall perspective of commissioning and explore the energy reduction and operational benefits found through retro commissioning of mechanical systems in existing buildings. Many facilities managers have found that commissioning teams are able to identify problem areas and improvements to HVAC control and mechanical components with surprisingly positive results to both customer service and operating costs. The discussion will also cover various retro-commissioning approaches as part of a comprehensive sustainability program to reduce carbon impact. The discussion will include commissioning team makeup, process steps, technical scope, financial investment, potential cost savings, and measuring results.

658 – EU Hot Topics

Faculty: EU Faculty

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.