



The following newsletter describes the activities of ASHRAE Central Arizona Chapter 086 and does not present official positions of the Society nor reflect Society policy. ASHRAE chapters may not act for the Society, and the information presented here has not had its review.

Dust Devil

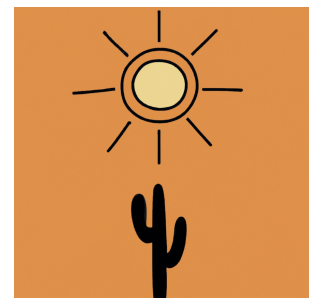
A cartoon illustration of a dust devil, which is a small, grey, worm-like creature with a smiling face, wearing a blue and white striped shirt, and having a long, thin, grey tail.

Chapter Newsletter Late Summer 2024 Edition

Welcome New Chapter Members!

Welcome

A warm and enthusiastic welcome to our vibrant community! We are thrilled to have you join ASHRAE's Central Arizona Chapter, where innovation, collaboration, and expertise converge to shape the future of the HVAC&R industry.



Our New Members (as of July 1, 2024)

Full Members
No New Full Members

Associate Members
Jacob Campbell
Michel Doumert
Spenser Jones
Kenneth McMullen
Sheldon Tsosie
Gavan Turner

Grade Advancement

The requirements are that a Member has the equivalent of 12 Society-approved years of

experience composed of an approved combination of:

- completed education beyond high school
- work experience
- professional engineering or related registration or license issued by a legally authorized body

To advance from Associate to Member, you must update your ASHRAE bio online, and notify membership@ashrae.org you have an updated bio and wish to be considered for grade advancement.

Tips for updating bios:

1. Log into www.ashrae.org by selecting 'Join or Login' in the upper right corner. Enter your email and password and select 'Sign In'.
2. Select 'My Account' in the upper right corner of the homepage.
3. Select the 'Biographical Information' tab along the top tab options. Add all educational degrees, work history, and relevant professional licenses.
4. Confirm that your contact information is current by selecting 'Contact Info'

Opportunities to Volunteer!

Chapter's Board Positions:

- President
- President-Elect
- Treasurer
- Past-President
- At-Large Members

Chapter's Chair Positions:

- Chapter Technology Transfer
- Honors and Awards
- Membership Promotion
- Young Engineers in ASHRAE
- Government Affairs

Chapter's Committees:

- Communications
- Golf Tournament
- Intro to HVAC
- K-12 / STEM
- Newsletter
- Tabletop
- Trapshoot
- Webmaster

As the ASHRAE year (July 2024 through June 2025) progresses, this newsletter will include links and articles that provide details about the Chair and Committee positions.

All of the chapter's Chairs and Committees are looking for volunteers. The Central Arizona chapter is very active and requires many volunteers.

[This link lists](#) many of the chapter's volunteers. We will update this page soon.

Please consider volunteering.

Chapter Events

2024-2025

CHAPTER MEETINGS

SEP 10
5:30 PM

Topic: Guideline 36: Controls Sequences for CHW
Presenter: Eric Koeppel, PE - McKinstry

OCT 15*
5:30 PM

Topic: A2L Refrigerant Design Considerations
Presenter: Steve Kujak - Trane

NOV 12
11:30 AM

Topic: SRP/APS Rebate Program Updates
Presenters: TBD

DEC 3
11:30 AM

Topic: Code Updates: 2024 IECC & IMC
Presenter: Colin Laisure-Pool, PE (or TBD)

JAN 7*
5:30 PM

Topic: Comm. Technical Info to Non-Engineers
Presenter: Prof. Doug Zentz - Ferris State University

FEB 4
11:30 AM

Topic: Air-To-Water Heat Pump Designs
Presenter: TBD

MAR 11
5:30 PM

Topic: Commissioning!
Presenter: Tracey Jumper (DL) - Microsoft

APR 1
11:30 AM

Topic: Project Overview- Arizona State University
Presenter: Eric Kirkland, PE - ASU

MAY 6
5:30 PM

Topic: Public Speaking 101
Presenter: Jon Kuderer - Kennelly Engineering

Meeting location is the Radisson near the airport,
unless noted with a *

(2 of 3)

September Chapter Meeting

ASHRAE Guideline 36--CHW Plant Sequences of Operation

Tuesday, September 10, 2024

[\(Link to Register\)](#)

JOIN THE ASHRAE CENTRAL ARIZONA CHAPTER

CHAPTER MEETING



TUESDAY, SEPT 10, 2024 • 5:30PM

RADISSON HOTEL PHOENIX AIRPORT

427 N 44TH STREET

PHOENIX, ARIZONA 85008

Sponsored by:



ASHRAE GUIDELINE 36 – CHW PLANT SEQUENCES OF OPERATION

THE PRESENTATION WILL COVER THE GUIDELINE 36 SEQUENCES FOR CHW PLANTS, EXPANDING ON THE PREVIOUS PRESENTATION IN 2021 THAT COVERED AIR-SIDE HVAC SYSTEMS. TOPICS WILL INCLUDE HOW THE GUIDELINE IS ORGANIZED FOR DIFFERENT PLANT CONFIGURATIONS AND EQUIPMENT TYPES

PRESENTER:

ERIC KOEPPPEL, P.E., CEM, CXA
MCKINSTRY

ERIC HAS 30 YEARS OF EXPERIENCE IN BUILDING SYSTEMS CONTROLS, COMMISSIONING, AND ENERGY EFFICIENCY. HE IS A PRINCIPAL ENGINEER IN THE PHOENIX OFFICE AT MCKINSTRY, WHERE HE OVERSEES COMMISSIONING AND CONTROL SYSTEM UPGRADE PROJECTS. ERIC IS A PROFESSIONAL ENGINEER (P.E.), A CERTIFIED ENERGY MANAGER (CEM), A CERTIFIED COMMISSIONING AUTHORITY (CXA), AND A VOTING MEMBER OF THE ASHRAE GUIDELINE 36 COMMITTEE (SINCE IT WAS FORMED IN 2014). HE HOLDS A BACHELOR'S AND MASTER'S DEGREES IN MECHANICAL ENGINEERING



**MEMBERSHIP
PROMOTION
NIGHT**

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Other Events

September 2024

12
Sep

WiA Happy Hour

📍 Society, 920 E University Dr
#204, Tempe, AZ 85288, USA

[VIEW ON MAP](#)

📅 12-09-2024

✅ All Day Event

[READ MORE](#)

18
Sep

ASHRAE GCC Meeting

📍 108 N 40th St, Phoenix, AZ
85034 [VIEW ON MAP](#)

📅 18-09-2024

🕒 05:00 pm - 06:00 pm

🌐 America/Phoenix

[READ MORE](#)

19
Sep

YEA Go Kart Racing

📍 Andretti Indoor Karting and
Games Chandler, 1712 S Cooper
Rd, Chandler, AZ 85286, USA

[VIEW ON MAP](#)

📅 19-09-2024

🕒 06:00 pm - 08:00 pm

🌐 America/Phoenix

[READ MORE](#)

Arizona Chapter The Association of Energy Engineers

Energy 101: 2024 Certified Energy Manager Prep Course

(Arizona Chapter AEE)

Starts Wednesday, September 11, 2024

[\(Link to Register\)](#)

**Arizona
Chapter**



Join us for a 16-week course that begins on September 11th

2024 Certified Energy Manager (CEM®) Prep Course

Get ready to boost your energy management skills and become a certified pro in the field.

Join us starting on **Wednesday September 11th, 2024** for this in-person 16 week course. Don't miss out on this opportunity to enhance your knowledge and network with industry experts. See you there!

Register Here

What is a CEM?

A Certified Energy Manager is an individual who optimizes the energy performance of a facility, building or industrial plant. The CEM® is a systems integrator for electrical, mechanical, process and building infrastructure.

integrator for electrical, mechanical, process and building infrastructure, analyzing the optimum solutions to reduce energy consumption in a cost-effective approach. CEM's are often team leaders and help to develop and implement their organizations' energy management strategies. CEM's have gained increased recognition within the energy industry and by companies looking to strengthen their competitive position by having a CEM on staff. The mission of AEE is "to promote the scientific and educational interests of those engaged in the energy industry and to foster action for Sustainable Development.

When is the Exam?

The exam will be held on December 11th, 2024.

How much does this course cost?

Tuition is \$2,000 which includes both class materials and the testing fee. If you have attended our course previously, but need to retake the CEM exam, the cost is \$200.

When

Wednesdays starting September 11th to December 11th
5:00pm to 8:00pm

Where

Nexus Integrated Solutions
3050 S Country Club Dr
Mesa, AZ 85210

If you have any questions, please contact Wayne Dobberpuhl at wayne@nexusintegratedsolutions.com or call 602-549-3384

from ASHRAE

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Note: Click the image to view the entire newsletter.



Stay current with the evolving HVAC&R industry by maintaining the necessary knowledge and skills to remain competitive.

ASHRAE offers a variety of ways for you to learn the latest and most important information in the field and to showcase your expertise with your employer.

[Certification](#)

[eLearning](#)

[Bookstore](#)

[Instructor-Led Training](#)

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Note: Click the image to view additional information.





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