

Can't Travel? Attend Remotely via Video Conference!

We use Microsoft Teams as our platform for remote connections. You do not need to have a Teams account in order to participate remotely. You may join the meeting through your web browser or by downloading and installing the Teams app. You will have the ability to ask questions through the microphone on your computer, or by typing a question into the chat box



FUNDAMENTALS OF ELECTRICAL SAFETY HAZARDS AND PREVENTION

March 31 – April 1, 2020
EUCI Conference Center
Plaza Tower One Conference Center
Denver, CO

RELATED EVENT:

LEADERSHIP TACTICS FOR IDENTIFYING HAZARDS & MITIGATING RISKS

April 2-3, 2020 | Denver, CO



TAG US #EUCI
FOLLOW US @EUCIEvents



EUCI is authorized by IACET to offer 1.1 CEUs for the course

OVERVIEW

This class provides a review of the hazards that exist within an electrical system. The course will include discussion points on substations and overhead and underground electrical lines, as well as electrical hazards that exist in residential, commercial, institutional, and industrial environments.

Electrical equipment and power lines may pose significant hazards to those in proximity to exposed electrical parts or downed wires. You must be able to recognize and control electrical hazards to avoid bodily injury before taking actions, whether they be job task or emergency related. This program is designed as an overview of basic electrical safety for individuals with limited electrical training who as a part of their work may be potentially exposed to electrical hazards. This is an awareness level course for “unqualified persons,” as defined by OSHA. “Qualified” employees work with electricity directly, just like electricians, power line workers, or engineers. Many of us work around electricity but are not qualified to directly handle electrical components, or in other words, not allowed to be potentially exposed to live electrical parts.

Upon completion of this electrical safety awareness, members will be able to describe the fundamentals of electricity and its effect on the body, recognize electrical hazards to avoid becoming a victim, make informed decisions regarding the appropriate actions to take during an electrical emergency, and be familiar with the medical treatment for persons exposed to electricity.

LEARNING OUTCOMES

- Review electricity basics and best leadership tactics in the field
- Detail best practices regarding personnel equipment and tools in a work zone
- Discuss OSHA requirements, qualifications, and compliance
- Assess how to react to and navigate electrical hazards and issues during emergency response, as well as how to respond to personnel injuries and fatalities

WHO SHOULD ATTEND

Anyone who is new to the electrical safety field, transitioning into more of a safety role, or who is new to the subject matter overall. Any mid-level managers who oversee safety teams and electrical engineers new to the utility industry should also attend.

AGENDA

TUESDAY, MARCH 31, 2020

8:00 – 8:30 am **Registration and Continental Breakfast**

8:30 am – 5:00 pm **Course Timing**

12:00 – 1:00 pm **Group Luncheon**

- Leadership in Safety
 - o Leadership & Human Performance
- Characteristics of Electricity
 - o Behavior of Electricity
 - o Arc Flash (Phase to Phase / Phase to Ground)
 - o Step / Touch Potential
 - o Effects on the Human Body
- Electric System Overview
 - o Overview of “Standard System”
- Personal Protective Equipment (PPE) & Tools
 - o How Utility Workers Stay Safe
 - o Arc-Rated Clothing
 - o Insulate / Isolate
 - o Personal Voltage Detectors (V-Watch)
 - o Best Practices (Work Zone Safety)
- Serious Injuries & Fatalities (SIF)
 - o What is SIF?
 - o Lessons Learned from Industry Events
- Electrical Hazards in Job-Task Related Activities
 - o OSHA Compliance
 - o OSHA 1910.269
 - o Qualified vs. Unqualified
 - o Work Around Energized Parts
 - o NESC Requirements Motor Vehicles (Transit)
 - o Scaffolding
 - o Crane Standard

AGENDA

WEDNESDAY, APRIL 1, 2020

8:00 – 8:30 am **Continental Breakfast**

8:30 am – 12:00 pm **Course Timing**

- Electrical Hazards in Emergency Response
 - o Storm / Wires Down
 - o Motor Vehicle Accidents
 - o Underground Faults and Fires
 - o Substation Fires
 - o Grass / Woodland Fires (Transmission Lines)
 - o Structure Fires
 - Residential
 - Commercial
 - o Photovoltaic Solar
- Emergency and Incident Response
 - o Medical Emergencies
 - o Automated External Defibrillators (AEDs)
 - o Utility Integration with Incident Command System

INSTRUCTOR



Christopher Stock

Safety Program Administrator, Eversource Energy

Christopher Stock is a Program Administrator who leads a team of safety professionals within a large electric utility located in the New England region. He has more than seven years in the electric utility industry and currently serves as the technical and internal management resource in support of the organization's overall occupational safety management system. Job duties include design and implementation of universal safety programs to include serious injury and fatality (SIF) prevention, human performance excellence, prevention through design, and general OSHA compliance. His passion for the industry focuses on the education of potential hazards related to the electrical system and how to mitigate them. Christopher has worked with countless community officials, public departments, and local businesses to present electrical safety awareness in a partnership between the utility and the communities in which they serve to better educate residents, first responders, and workers.

Christopher has previous experience working within the manufacturing sector for Tyco International Fire & Security in the safety compliance sector, as well as serving in South Korea with the United States ARMY conducting field artillery operations.

Christopher holds a BS in Occupational Safety & Health Sciences from Keene State College and a MA in Business Management from University of Phoenix. Safety credentials include being an Associate Safety Professional (ASP) and a Certified Utility Safety Professional (CUSP).

INSTRUCTIONAL METHODS

PowerPoint presentations, interactive group exercise, and group discussion will be used during this course.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

Participants must sign in/out each day and be in attendance for a minimum of four hours to be eligible for any continuing education credit.

IACET CREDITS



EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

EUCI is authorized by IACET to offer 1.1 CEUs for this course

EVENT LOCATION



Plaza Tower One Conference Center

6400 S Fiddlers Green Cir. Greenwood Village, CO 80111

The EUCI conference center is conveniently located adjacent to the Arapahoe at Village Center Light Rail Station, allowing easy access to and from DIA, Downtown, and Local Area Attractions. EUCI will validate parking at the Plaza Tower One Conference Center.

NEARBY HOTELS

Each of these hotels offers a complimentary shuttle to and from the EUCI conference center.

Hyatt Regency Denver Tech (2.8 miles away)

7800 E. Tufts Ave. Denver, CO 80237
303-779-1234

Special EUCI Room Rate: \$179.00 or lowest available rate

To access EUCI room rate visit

denvertechcenter.regency.hyatt.com

Click "Book Now", then click "Special Rates",

Click "Corporate or Group Code" and enter **CR102338**

You may also call central reservation at **1-800-233-1234** and give them the corporate code of **CR102338**

Springhill Suites DTC (0.3 miles away)

7900 East Peakview Ave., Greenwood Village, CO 80111
303-721-3321

Wingate by Wyndham (0.3 miles away)

8000 E. Peakview Ave., Greenwood Village, CO 80111
303-626-2641

Hyatt Place DTC (2.1 miles away)

8300 E. Crescent Pkwy, Greenwood Village, CO 80111
303-804-7000

Denver Marriott Tech Center (3.1 miles away)

4900 S. Syracuse St., Denver, CO 80237
303-779-1100

REGISTER 3, SEND THE 4TH FREE

Any organization wishing to send multiple attendees to this conference may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.

To Register Click Here, or

Mail Directly To:

PMA Conference Management
PO Box 2303
Falls Church VA 22042
201 871 0474
Fax 253 663 7224
register@pmaconference.com

EVENT LOCATION

Plaza Tower One Conference Center
6400 S Fiddlers Green Cir.
Greenwood Village, CO 80111

See nearby hotels on page 5

PLEASE SELECT

- BUNDLE PRICE: FUNDAMENTALS OF ELECTRICAL SAFETY HAZARDS AND PREVENTION AND LEADERSHIP TACTICS FOR IDENTIFYING HAZARDS & MITIGATING RISKS COURSES**
MARCH 31 – APRIL 3, 2020: US \$2495
EARLY BIRD on or before MARCH 13, 2020: US \$2295
- FUNDAMENTALS OF ELECTRICAL SAFETY HAZARDS AND PREVENTION COURSE ONLY**
MARCH 31 – APRIL 1, 2020: US \$1395
EARLY BIRD on or before MARCH 13, 2020: US \$1195

ENERGIZE WEEKLY

Energize Weekly is EUCI's free weekly newsletter, delivered to your inbox every Wednesday. We provide you with the latest industry news as well as in-depth analysis from our own team of experts. Subscribers also receive free downloadable presentations from our past events.

Sign me up for Energize Weekly

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

Print Name | Job Title

Company

What name do you prefer on your name badge?

Address

City | State/Province | Zip/Postal Code | Country

Phone | Email

List any dietary or accessibility needs here

CREDIT CARD INFORMATION

Name on Card | Billing Address

Account Number | Billing City | Billing State

Exp. Date | Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx) | Billing Zip Code/Postal Code

OR Enclosed is a check for \$ _____ to cover _____ registrations.

Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before February 28, 2020 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices.

EUCI reserves the right to alter this program without prior notice.

