

# TRANSMISSION LINE DESIGN

January 14-15, 2021  
Online | Central Time

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*“EUCI does a great job of finding strong presenters and relevant topics for industry. The strong attendance at this event speaks to that success.”*

Engineer, Leidos

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This one-and-a-half-day course is designed to provide an introduction to transmission line concepts, definitions, and common design practices while infusing the technical tools needed to perform the work with the design concepts (PLS CADD Suite, MFAD, etc.) The first day will cover an introduction to transmission lines, electrical characteristics of lines, routing and structure spotting, conductor, hardware, and material information, and structure loading. The second day will pertain to electrical clearances, code requirements, structure spotting (ruling span vs. finite element), foundation design, and construction methods.

## LEARNING OUTCOMES

- Review what conductors are used in based on weather conditions, tensions, & electric loadings
- Recognize basic transmission line construction methods
- Discuss the basics of ruling span design and structure spotting techniques
- Review physical transmission line design and the software used to perform analysis
- Examine and identify all parts, pieces, hardware, etc. of a transmission line
- Discuss the basic concepts of transmission structure foundation design
- Identify the applicable codes and standards required to perform transmission line design

## INSTRUCTOR

**Sarah Simpson**, Senior Transmission Line Engineer, Burns & McDonnell



EUCI is authorized by IACET to offer 1.0 CEUs for the course



EUCI | 6400 S Fiddlers Green Cir., Suite 1620 | Denver, CO 80111  
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# REGISTRATION INFORMATION

## Mail Directly To:

EUCI  
6400 S Fiddlers Green Cir., Suite 1620  
Greenwood Village, CO 80111  
OR, scan and email to: [conferences@euci.com](mailto:conferences@euci.com)

[WWW.EUCI.COM](http://WWW.EUCI.COM)

p: 303-770-8800

f: 303-741-0849

# ONLINE DELIVERY & PARTICIPATION DETAILS

EUCI will use Microsoft Teams to facilitate participation in the upcoming event. Attendees do not need to have an existing Teams account to participate in the broadcast. The course will play in attendee's browser. When attendees sign on, their microphones are typically muted. Attendees should keep their mic muted until such time as it's needed to ask a question. During the event, participants will have the option of using a microphone to speak with the room and ask questions, or type in any questions via the chat window and our online administrator will relay your question to the instructor.

- Each attendee will receive an event invitation by e-mail, which will include one link to sign on for each half-day of the event (i.e., three links for a 1 1/2 day event). The appropriate link must be used to join each half-day event segment at the appropriate time.
- The remote meeting connection will open approximately 30 minutes before the start of the course. We encourage attendees to connect as early as possible in case of unforeseen problems.

## PLEASE SELECT

**TRANSMISSION LINE DESIGN ONLINE COURSE**  
JANUARY 14-15, 2021: US \$1,195 (Single Connection)

**PACK OF 5 CONNECTIONS:** US \$4,780 (20% Discount)

**PACK OF 10 CONNECTIONS:** US \$8,365 (30% Discount)

**PACK OF 20 CONNECTIONS:** US \$14,340 (40% Discount)

**Please call us at 303-770-8800 if you have any specific questions on the volume discounts.**

*\*all other discounts do not apply to license packs*

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

Print Name

Job Title

Company

Address

City

State/Province

Zip/Postal Code

Country

Phone

Email

## 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 December 18, 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 at 303-770-8800.

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

