



Rocky Mountain Meter School 2024 HANDS-ON METERING

Location: Lory Student Center Room (LSC) Room 322 & Ballroom A, unless otherwise listed

Moderator: Lester Oltjenbruns / Troy Foust

***Hands on sessions require preregistration due to maximum participant limits and the hands on work stations. If you are not pre-registered and wish to attend one of their sessions, you are welcome to do so based on available space. Available space to be determined by the room moderator.**

Monday, March 11, 2024

8:00 – 9:00 AM	Registration Check-In
9:00 – 10:00 AM	Opening General Session – Welcome & Keynote
10:15 – 11:00 AM	Harmonics Instructor: Ryan Moffitt <i>LSC Room 322</i>
11:00 – 11:45 AM	Cogeneration and Private Generation Panel – Instructor: Casey Briscoe <i>LSC Room 322</i>
11:45 AM – 12:15 PM	Electric Vehicle Charging and its Impact- Demo Meet at Room 322 and group will walk over to charging site (approx. 3 min walk) Demo By: Dan Hollow
12:15 – 1:15 PM	Buffet Lunch
1:30 – 2:15 PM	Test Switch Operations Instructor: Dan Hollow <i>Lory Student Center Room 322</i>

- 2:15 – 3:00 PM **Understanding & Protecting against the Electric Arc Flash Hazard**
Instructor: Derek Sang
Lory Student Center Room 322
- 3:00 – 3:45 PM **Meter Service Verification**
Instructor: Martin Hiatt
Lory Student Center Room 322
- 3:45 – 4:00 PM Break
- 4:00 – 5:30 PM **Tour of CSU Solar Panels**
Led by: Michael Randall
4:00pm *Meet at LSC Room 322*
- 5:15-7:45 PM RMEMA Welcome Reception with Vendors
LSC Ballroom BCD

Tuesday, March 12, 2024

- 7:00 – 8:30 AM Breakfast Buffet with Vendors in the Exhibit Hall
LSC Ballroom BCD
- 8:45 – 11:15 AM **Rotations of:**
a: Short / Loads
b: Wiring 5s/8s/6s/9s
c: Primary Instrument Transformer Wiring
Instruction Team: Casey Briscoe, Troy Foust, Brian Hontz, Kyle Keckler, Lester Oltjenbruns, Matthew Sadar
Lory Student Center Ballroom A
- 11:15 – 11:45 AM Visit with Vendors
LSC Ballroom BCD
- 11:45 AM – 12:30 PM Buffet Lunch
LSC Ballroom BCD
- 12:30 – 1:30 PM **Session Choice – *Select one***
- Option 1 – Software Demonstration Session (*Select one*)**
Location: **Honeywell/Elster – LSC Room 372**
 Landis + Gyr – LSC Room 374
 Itron – LSC Room 376
 Aclara / G.E. – LSC Room 378

Or

Option 2 – RF Interference and Human Safety for Metering

Instructor: **Michael Randall**

Location: **LSC Room 386**

1:30 – 2:30 PM

Personal Protective Equipment & Regulatory Compliance Attainment

Instructor: **Dan Hollow**

Lory Student Center Room 322

2:30 – 3:00 PM

Break with Vendors in the Exhibit Hall
LSC Ballroom BCD

3:00 – 4:00 PM

Rotations of:

a: Shorts / Loads

b: Wiring 5s/8s/6s/9s

c: Primary Instrument Transformer Wiring

Instruction Team: **Casey Briscoe, Troy Foust, Brian**

Hontz, Kyle Keckler, Lester Oltjenbruns, Matthew Sadar

Lory Student Center Ballroom A

Wednesday, March 13, 2024

8:30 – 9:30 AM

Pulse Values

Instructor: **Christopher Campbell**

Lory Student Center Ballroom A

9:30 – 9:45 AM

Break

9:45 – 10:45 AM

Simulating Real World Metering Conditions

Instructor: **Dan Hollow**

Lory Student Center Room 322

10:45 – 11:30 AM

High Accuracy / Extended Range CT's

Instructor: **Ryan Alkire**

Lory Student Center Room 322

11:30 AM - 12:30 PM

Buffet Lunch
LSC Ballroom BCD

12:45 – 1:30 PM

Special Interest Sessions #1 – *Select one*

1A - Transmission System Metering - Applications & Designs

Presenter: **Daniel Daneshka**

Location: **LSC Never No Summer Ballroom**

1B - Regulatory and Legislative Updates on the Electric Utility Industry

Presenter: **Kent Singer**

Location: **LSC Room 386**

1C - Distributed Energy Resources Management (DERMS) and Virtual Powerplant

Presenter: **Zach Borton**

Location: **LSC Room 390**

1D – AMI Data for Rate Analysis and Rate Making

Presenter: **Bryan Ehrlich**

Location: **LSC Room 322**

1E – Retail EV Charging Requirements

Presenter: **Scott Wagner**

Location: **LSC Room 376/378**

1:45 – 2:30 PM

Special Interest Sessions #2 – *Select one*

2A - Transmission System Metering - Applications & Designs

Presenter: **Daniel Daneshka**

Location: **LSC Never No Summer Ballroom**

2B - Regulatory and Legislative Updates on the Electric Utility Industry

Presenter: **Kent Singer**

Location: **LSC Room 386**

2C - Distributed Energy Resources Management (DERMS) and Virtual Powerplant

Presenter: **Zach Borton**

Location: **LSC Room 390**

2D – AMI Data for Rate Analysis and Rate Making

Presenter: **Bryan Ehrlich**

Location: **LSC Room 322**

2E – Retail EV Charging Requirements

Presenter: **Scott Wagner**

Location: **LSC Room 376/378**

2:30 – 2:45 PM

Break

2:45 – 3:30 PM

Instrument Transformers and Factory Engineers

Instructor: Adam Labbe

Lory Student Center Room 322

3:30 – 5:00 PM

Understanding MDM

Instructor: Bryan Ehrlich

LSC Room 322

Thursday, March 14, 2024

7:30 – 8:00 AM

Light Breakfast outside classroom

8:00 – 9:30 AM

Troubleshooting Rotations of:

a) Vector Analysis

b) Alternate Wiring Verifications

c) Identifying Wiring Problems

Instruction Team: Casey Briscoe, Troy Foust, Brian Hontz, Lester Oltjenbruns, Matthew Sadar

Lory Student Center Ballroom A

9:30 – 9:45 AM

Break

9:45 – 11:15 AM

Troubleshooting Rotations of:

a) Vector Analysis

b) Alternate Wiring Verifications

c) Identifying Wiring Problems

Instruction Team: Casey Briscoe, Troy Foust, Lester Oltjenbruns, Rudy Trujillo

Lory Student Center Ballroom A