COMMITEE

MONDAY, JULY 27, 2020

10:00 am - 10:30 am
Welcome to Virtual NTI Powered by Milwaukee
Todd Stafford, Executive Director

10:35 am - 11:30 am
State of the electrical training ALLIANCE
Todd Stafford, Executive Director

11:40 am - 1:40 pm
Updates to the Online Learning Resources covering LMS, TMS, CLCS, and 2020 Curriculum
Greg Greiner, electrical training ALLIANCE
A high-level overview of updates to the Online Learning Resources to support training and learning using the new electrical training ALLIANCE Bookstore, 2020 Curriculum updates, and additional features of the LMS, TMS and CLCS to support them.

1:50 pm - 2:50 pm
Apprentice Start Up Challenge
Sonja Rheaume, Christenson Electric; Josh Bone, ELECTRI; Neil Parish, Michigan Chapter of NECA; and Rick Mason, Flint JATC
Do your students know what it takes to start a business? They can find out, and win a prize for themselves and your JATC in the 3rd Annual National Outstanding Apprentice Start-Up Challenge. (See additional information at end of this booklet.) Join this presentation to learn more about the Business Start-Up Challenge and how your JATC and students can participate and win an expense paid trip to NECA Now in 2021. In most cases, students do not understand what goes into starting and running a business. We have heard from past winners that this is an eye-opening experience for their students and they will continue to participate for that reason (plus the JATC prize money does not hurt any either)!! For more information about NECA Now 2021 - https://www.neca-now.com/

3:00 pm - 5:00 pm
Update from NECA and IBEW
President Lonnie Stephenson and CEO David Long
(facilitated by Todd Stafford)
TUESDAY, JULY 28, 2020

10:00 am - 11:00 am

Curriculum and Project Review
Paul Morris, electrical training ALLIANCE

Discussion on the curriculum development and project development process. A review of projects completed recently as well as those expected to be completed will be presented.

11:10 am - 12:20 pm

Substance Abuse Policy and EEOC's Guidance on COVID-19 Testing
Lucas Aubrey

12:30 pm - 1:30 pm

Communicating During a Crisis
Cindy Sanderfur, electrical training ALLIANCE

Communication is at the center of everything we do. We are ALWAYS communicating which makes being intentional with our words and actions important. Enter COVID-19 and we find ourselves having to adapt, make decisions, and communicate effectively amidst a fast-moving, unprecedented situation. During a crisis, it becomes even more important to recognize the needs of our audience and how those needs may have changed. This could mean a complete paradigm shift in how and what we do with our communication. But, as with any difficulty, there are opportunities to stretch ourselves, and build relationships. We will cover social media during this presentation while centering on how to convey our message with purpose, clarity, and empathy regardless of the platform.

1:40 pm - 2:50 pm

Safety Update - including an OSHA ET&D Update
Palmer Hickman, electrical training ALLIANCE and Wes Wheeler, NECA

3:00 pm - 5:00 pm

ERISA and Potential Relief during COVID-19
Jim Cole
WEDNESDAY JULY 29, 2020

10:00 am - 11:10 am

Test Generator
Bill Ball, electrical training ALLIANCE

The Online Test Generator (TG) was rolled out in 2019 allowing tests to be taken on laptops and Chromebooks. This session will discuss how to start using the TG with all of its many functions. Also, a discussion on how to use the online TG for remote testing (at home) when crisis prevents apprentices from meeting at the training center.

11:20 am - 12:30 pm

electrical training ALLIANCE Pre-Apprenticeship and Apprenticeship Grant Programs Overview
Steve Anderson, electrical training ALLIANCE

The electrical training ALLIANCE is currently participating in several Department of Labor federal grant programs focusing on apprenticeship. This presentation will review the current pre-apprenticeship program and the upcoming Interim Credentials Registered Apprenticeship program. Details on the status of these programs will be discussed along with how JATC’s can participate. Curriculum, program funding, participate requirements, and JATC involvement will be the focus of this presentation. Time will also be allotted time during the presentations to answer all questions.

Installer/Technician and Residential Update
Jim Simpson, electrical training ALLIANCE

The Installer/Technician and Residential programs have a number of important changes that are being implemented in the fall of 2020. The more significant changes include 2020 Code updates and the core curriculum model being adopted for both programs. This presentation will show what changes have been made to the curriculum as well as walk through the process of enrolling courses for core curriculum. In addition, the presentation will introduce craft certification for Installer/Technician.
WEDNESDAY JULY 29, 2020

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12:40 pm - 1:40 pm

NEBF, NEAP and FMCP Update
Larry Bradley, NEBF

1:50 pm - 2:50 pm

A Roundtable with Milwaukee
Milwaukee Representatives

This will be a roundtable discussion with representatives from Milwaukee along with a JATC to talk about what Milwaukee has done for the JATC and what they can do for your JATC.

3:00 pm - 4:00 pm

VEEP Progress, Updates and Where You Come In
Greg McMurphy and Greg Greiner, electrical training ALLIANCE

The Veteran’s Electrical Entry Program - our progress to date, future plans for the program, and the three main roles: Training Program, Accepting Program and Participant.

4:10 pm - 5:10 pm

NECA Codes and Standards & NEIS
Michael Johnston and Aga Golriz, NECA
THURSDAY, JULY 30, 2020

10:00 am - 11:10 am
Standard Changes and EEO Policy
Rob Duston

11:20 am - 12:20 pm
Selection Procedures and Affirmative Action Plan
Rob Duston

12:30 pm - 1:30 pm
Energy Storage Training & Market Outlook/EVITP – EV Market Update & Opportunities
Bernie Kotlier and Jennifer Mefford, EVITP
This presentation will cover the latest training progress and market opportunities of two rapidly growing electrical technologies – energy storage and EV charging infrastructure. Jennifer and Bernie will provide East, West, and Midwest perspectives on the critical role JATCs play in developing expert electricians and valuable business advantages for NECA contractors.

Virtual Learning During Crisis and Beyond
Danial Haddad, SELCAT
Discussion will be on how SELCAT has continued class during this crisis, and beyond, and when classroom attendance is just not possible due to storm work. One example to have everyone ponder is what do we do beyond COVID? What if we can use this new method to provide apprentices with classroom hours even if they are working storms, and bringing our apprenticeships into the new era of learning, and to provide resources to our apprentices at no extra cost to them.
THURSDAY, JULY 30, 2020
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1:40 pm - 2:40 pm
Crane Certification and Training
Virgil Melton, electrical training ALLIANCE

2:50 pm - 3:50 pm
New Tools in Your Digital Toolbelt
Josh Bone, Industry Innovation for NECA
The management of construction projects has changed dramatically, therefore, both management and labor must learn new construction management technologies to be successful from this point forward. Building Information Modeling (BIM) is not simply a 3D blueprint option, but a comprehensive visual design set of communicational tools of which electrical contractors must be highly proficient. BIM starts at the concept of a project, design stage, bidding stage, construction stage, project completion stage, and continues throughout the maintenance lifetime of the installation.

4:00 pm - 5:00 pm
Scholarship Loan Agreements and Recent Arbitration Issues
Lucas Aubrey
FRIDAY, JULY 31, 2020

10:00 am - 11:00 am

Instrumentation Update
Jason Lunardini, electrical training ALLIANCE

11:10 am - 12:10 pm

Interim Credentials and How to Promote It
Bill Ball, electrical training ALLIANCE

The Interim Credentials (IC) is starting to grow at high schools across the nation. This session will illustrate the features of the IC curriculum and discuss how to promote it at high schools, technical colleges, and other cohort organizations.

12:20 pm - 1:20 pm

Pre-Fab Planning
Lonnie Cumpton, Director of Construcation Mfg of NECA

In the past, prefabrication pre-assemblies were jobsite time-savers such as small units of electrical materials, sections of duct banks, electrical closet layouts, etc. Today, the construction costs can often be greatly reduced by constructing significant sections of electrical installation units (offsite or onsite) in a controlled environment and delivered JIT (Just in Time) to the jobsite areas.

1:30 pm - 2:30 pm

Future of Distributing Electrical Energy: Power over Ethernet (PoE), DC, Digital Electricity (Pulse Energy Transfer); What are They and How you Might Prepare for These Markets
Terry Coleman, electrical training ALLIANCE

PoE is all the rage but its power is limited. Is DC winning the “War of the Currents”? (Solar, EVs, Battery Storage) What if there are systems out there that transmit 10 times the power at 10 times the distance of PoE over UTP or other Class 2 cables? What does this mean for the traditional electrical worker? Interested?
2:40 pm - 3:40 pm

How to Evaluate Performance in Today’s New Virtual Classroom and New Hands-on-Training Delivery Models

Dr. Jim Boyd, electrical training ALLIANCE

The landscape for apprenticeship has changed in the last few months as we have moved many training activities from face-to-face to virtual platforms. While we are training virtually however, we are training for live jobs and real physical and mental skills. All evaluation must address how well the apprentice can do their jobs in the real world. This session will cover the types of evaluations we must perform. We will address how we evaluate apprentice’s virtual performance. Finally, we will talk about evaluating apprentice’s physical performance. The focus of this session is to allow us to verify that each apprentice has the knowledge, skills, and abilities to work safely and productively when they report to the jobs for which we train, and which are their livelihood.

3:50 pm - 5:00 pm

Legal Roundtable

Jim Cole, Rob Duston and Lucas Aubrey

(facilitated by Todd Stafford)