

Event Guide

National Training Institute

July 27 - August 2
2024



INFORMATION

<https://nti.electricaltrainingevents.org/>

REGISTRATION

<https://electricaltrainingevents.org/>

Eastern Michigan
University

Washtenaw
Community College

Destination Ann Arbor



WELCOME NTI PARTICIPANTS

TO MAKE THE MOST OF YOUR VISIT TO THE ANN ARBOR AREA,
SCAN THIS QR CODE →

You'll find information about dining, shopping, and attractions.
Set a tee time, see our events calendar, and more!



MORE INFO:



Nightlife



DESTINATION

**ANN
ARBOR**



Table of Contents



Topics	Page
General Information	<u>2</u>
Important Numbers (Taxi, Hospitals, Hotels)	<u>2</u>
NTI Overview	<u>4</u>
etA+ Mobile App	<u>6</u>
View Schedule, Dollars for Dining, Social Media	<u>7</u>
Campus Maps, Parking, WiFi Information	<u>8</u>
Tuesday Evening Presentations	<u>12</u>
Trade Show	<u>14</u>
Group Schedules	<u>18</u>
Committee / Special Committee Group (C/SC Group)	<u>18</u>
Installer / Technician Group (I/T Group)	<u>28</u>
Instructor Training Group (I Group)	<u>30</u>
Office Manager Group (OM Group)	<u>40</u>
Outside Industry Group (O Group)	<u>42</u>
Outstanding Apprentice Group (OA Group)	<u>49</u>
Technical Training Group (T Group)	<u>53</u>
Training Director Development Group (TD Group)	<u>56</u>

Important Numbers

Emergency Services—Dial 9–1–1

Metro Cars - from DTW	(800) 456-1701
Metro Cab - from DTW	(734) 997-6500
Michigan Green Cars - Preferred Taxi Provider	(877) 476-8294
MODE Car /Golden Limousine - Preferred Taxi Provider	(800) 300-5151
St. Joseph Mercy Hospital	(734) 712-3456
University of Michigan Hospital	(734) 936-4000

Downtown Ann Arbor / Central Campus Hotels

Bell Tower Hotel	300 S. Thayer Street	(734) 769-3010
Graduate Hotel	615 E. Huron Street	(734) 769-2200
Residence Inn Downtown	120 W. Huron Street	(734) 662-9999

North Campus Hotels

DoubleTree by Hilton	3600 Plymouth Road	(734) 769-9800
Larkspur Landing AA	2300 Green Road	(734) 996-4444
Microtel Inn	3610 Plymouth Road	(734) 585-2457
Residence Inn North	3535 Green Court	(734) 327-0011

Briarwood Mall / South Campus Hotels

Courtyard by Marriott	3205 Boardwalk Drive	(734) 995-5900
Hampton Inn South	925 Victors Way	(734) 665-5000
Holiday Inn & Suites	3155 Boardwalk Drive	(734) 213-1900
Hyatt Place Ann Arbor	3223 S State Street	(734) 995-1234
Kensington Hotel	3500 S. State Street	(734) 761-7800
Fairfield Inn - Ann Arbor	3285 Boardwalk Drive	(734) 768-1130
Sheraton Ann Arbor	3200 Boardwalk Drive	(734) 996-0600

West Ann Arbor

Hampton Inn West	2910 Jackson Avenue	(734) 994-1100
Weber's Boutique Hotel	3050 Jackson Avenue	(734) 796-2500
Wyndham Garden West	2900 Jackson Avenue	(734) 665-4444

WELCOME

Dear NTI Participants, Training Partners, Guests, Industry Officers and Representatives:

On behalf of the entire electrical training ALLIANCE staff, I want to personally welcome you to the 33rd Annual National Training Institute! Let me begin by expressing our sincere gratitude for your support and participation at this year's Institute. This Institute is only possible because of your support and we very much appreciate that you have chosen to make NTI a part of your summer.



Our National Training Institute has remained a critical part of our Industry's overall training effort. Each year, NTI hosts many Industry groups and organizations who have come to NTI to play a part in this important Industry event.

This year's NTI Trade Show will be on Saturday, July 27 and Sunday, July 28. We have over 150 Training Partners and Exhibitors, representing over 60 manufacturers, participating in the Trade Show. Please spend as much time as your schedule will allow with our Training Partners. The input and feedback you provide them is invaluable and instrumental in advancing the programs we jointly sponsor with them. Be sure and thank them for all they do to make this Institute a success and, most importantly, for all they do year in and year out to improve our training classes and curriculum. Make sure to congratulate our Training Partner award recipients (Platinum, Gold, Silver and Bronze). They will have special awards displayed at their booths. It is critical that they know how much their partnership means to you and your program and how much we appreciate their support.

The official Opening Ceremony will be conducted on Sunday evening at EMU-George Gervin GameAbove Center. Our Group Photo will be taken at 5:30 p.m. sharp, so plan on being there. Following the Opening Ceremony, we will enjoy good food and music outside of the George Gervin GameAbove Center. We promise the evening festivities will not disappoint!

Graduation will be held at the Michigan Theater on Thursday, August 1 at 6:00 p.m. We look forward to an evening of celebrating our 2024 graduates' accomplishments.

May God guide us through the week and help each of us to make the very best of the opportunities we have to grow and learn together while in Washtenaw County.

Sincerely,

Todd Stafford
Executive Director



NTI Overview

DAY 1 - SATURDAY, JULY 27, 2024

8:00 am - 12:00 pm	Coyne First Aid Refresher (T-303)	WCC - TI 137
8:30 am - 5:00 pm	Participant Check-In	EMU - George Gervin Game-Above Center (G3)
9:00 am - 5:00 pm	NTI Trade Show	EMU - G3

DAY 2 - SUNDAY, JULY 28, 2024

7:00 am - 7:45 am	Prayer/Worship Service	EMU - G3 (Lower Level Aux Gym)
8:00 am - 12:00 pm	1st Year I Group & Coyne First Aid (T-303)	EMU - Pray-H 201 (1st Year) WCC - TI 137 (Coyne)
8:00 am - 12:00 pm	Participant Check-In	EMU - G3
8:30 am - 12:00 pm	NTI Trade Show	EMU - G3
8:30 am	OA Graduate Session at Trade Show	EMU - G3
10:00 am - 11:50 am	I Group Sessions (2nd, 3rd, 4th Year, AS)	Various Locations
10:00 am - 12:00 pm	TD Group Session	EMU - Student Center 208
11:30 am - 1:00 pm	Lunch for NTI Participants *Dine at your designated time & location	Various Locations
1:00 pm - 5:00 pm	OA Graduate Session	EMU - G3 (Lower Level Aux Gym)
1:00 pm - 5:00 pm	VOLT Cohort 9	WCC - GL 202
1:00 pm - 5:00 pm	I Group Afternoon Sessions	Various Locations
1:00 pm - 5:00 pm	C, SC, O, OM, I/T, TD Group Opening Sessions (Optional for T Group to attend)	EMU - Student Center Ballroom (2nd Floor)
5:00 pm - 5:30 pm	OA Group Photo	EMU - G3
5:30 pm	All NTI Participants Photo	EMU - G3
5:45 pm - 7:00 pm	Opening Ceremony Dining Voucher Distribution	EMU - G3
Following Opening	Welcome Reception	EMU - G3

DAY 3 - MONDAY, JULY 29, 2024

6:45 am - 7:30 am	Continental Breakfast	WCC-ML Atrium EMU-Pray-H 208 & 4th Fl
7:30 am - 5:00 pm	NTI Courses / Sessions / Seminars	Various Locations
11:25 am - 1:00 pm	Lunch for NTI Participants *Dine at your designated time & location	Various Locations
5:15 pm - 6:30 pm	TD and ATD Reception	WCC - ML Atrium

NTI Overview

5

DAY 4 - TUESDAY, JULY 30, 2024

6:45 am - 7:30 am	Continental Breakfast	WCC-ML Atrium EMU-Pray-H 208 & 4th Fl
7:30 am - 5:00 pm	NTI Courses / Sessions / Seminars	Various Locations
11:25 am - 1:00 pm	Lunch for NTI Participants *Dine at your designated time & location	Various Locations
6:00 pm - 9:00 pm	Evening Technical Presentations	WCC - OE Building

DAY 5 - WEDNESDAY, JULY 31, 2024

6:45 am - 7:30 am	Continental Breakfast	WCC-ML Atrium EMU-Pray-H 208 & 4th Fl
7:30 am - 11:30 am	OA Group / VOLT 8 / I Group / Some 200 Level T Groups	Various Locations
7:30 am - 12:00 pm	Charity Golf Tournament - AM FLIGHT	Stonebridge Golf Club
1:00 pm - 5:00 pm	USA Sporting Clay Event	Island Lake Shooting Range
1:30 pm - 5:00 pm	Charity Golf Tournament - PM FLIGHT	Stonebridge Golf Club
6:00 pm - 10:00 pm	Destination Ann Arbor Block Party	Ann Arbor Main Street

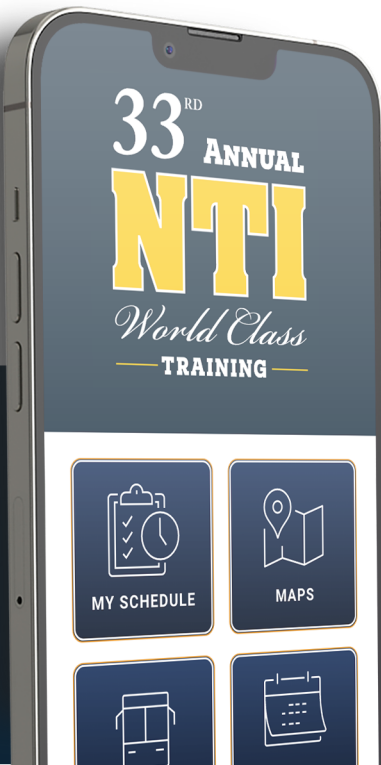
DAY 6 - THURSDAY, AUGUST 1, 2024

6:45 am - 7:30 am	Continental Breakfast	WCC-ML Atrium EMU-Pray-H 208 & 4th Fl
7:30 am - 4:15 pm	NTI Courses / Sessions / Seminars	Various Locations
11:25 am - 1:00 pm	Lunch for NTI Participants *Dine at your designated time & location	Various Locations
6:00 pm - 8:00 pm	NTI Graduation Ceremony	Michigan Theater

DAY 7 - FRIDAY, AUGUST 2, 2024

6:45 am - 7:30 am	Continental Breakfast	WCC-ML Atrium EMU-Pray-H 208 & 4th Fl
7:30 am - 3:00 pm	NTI Courses / Sessions / Seminars	Various Locations
11:25 am - 1:00 pm	Lunch for NTI Participants *Dine at your designated time & location	Various Locations

The **NEW MOBILE APP** for etA
PROUDLY SUPPORTING PARTICIPANTS OF NTI



33RD ANNUAL
NTI
World Class
— TRAINING —



1 Download the App

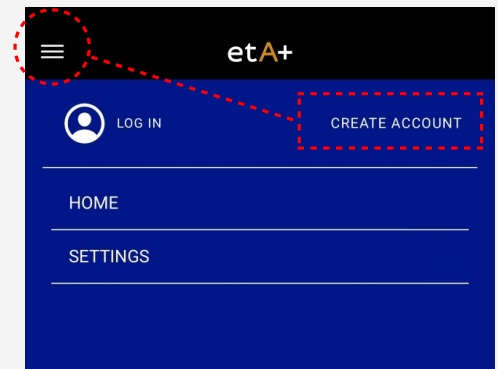
Search for “ETA Plus” In your Mobile App Store
(not PTSI)

2 Login / Create an Account

Select the menu and either Login or Create Account

3 Access NTI Content

If you registered on the app using the same email you used to register for NTI, your event information will be displayed. If not you will be asked to enter your Badge ID provided to you at registration.



* You can also access the same information simply by going to **etaplus.app**

NOTE: This is a new mobile app. It is not the PTSI App used at the previous years of NTI.

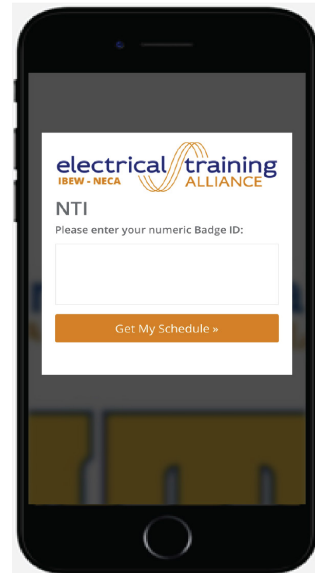
NTI Information

View / Print Your Schedule

Participants can view their schedule on a mobile device or computer. It can also be printed for those who want a paper copy.

The special URL to access your schedule is:
<https://qr.njatcdb.org/qr/8057>

You simply enter your badge number to retrieve your schedule. Your schedule page can be bookmarked for quick access.



Dollars for Dining

Attend the Opening Ceremony to receive a Dining Voucher valid throughout the week (Monday – Thursday).



[Participating Restaurants](#)



Website and Social Media

Twitter: [@IBEWNECAetA](#)

Facebook: [@IBEWNECAetA](#)

Instagram: [@ibewnecaeta](#)

LinkedIn: [/company/electrical-training-alliance/](#)

Say Watt Podcast: <https://linktr.ee/saywattpodcast>

NTI news and information: nti.electricaltrainingevents.org

electrical training ALLIANCE: electricaltrainingalliance.org

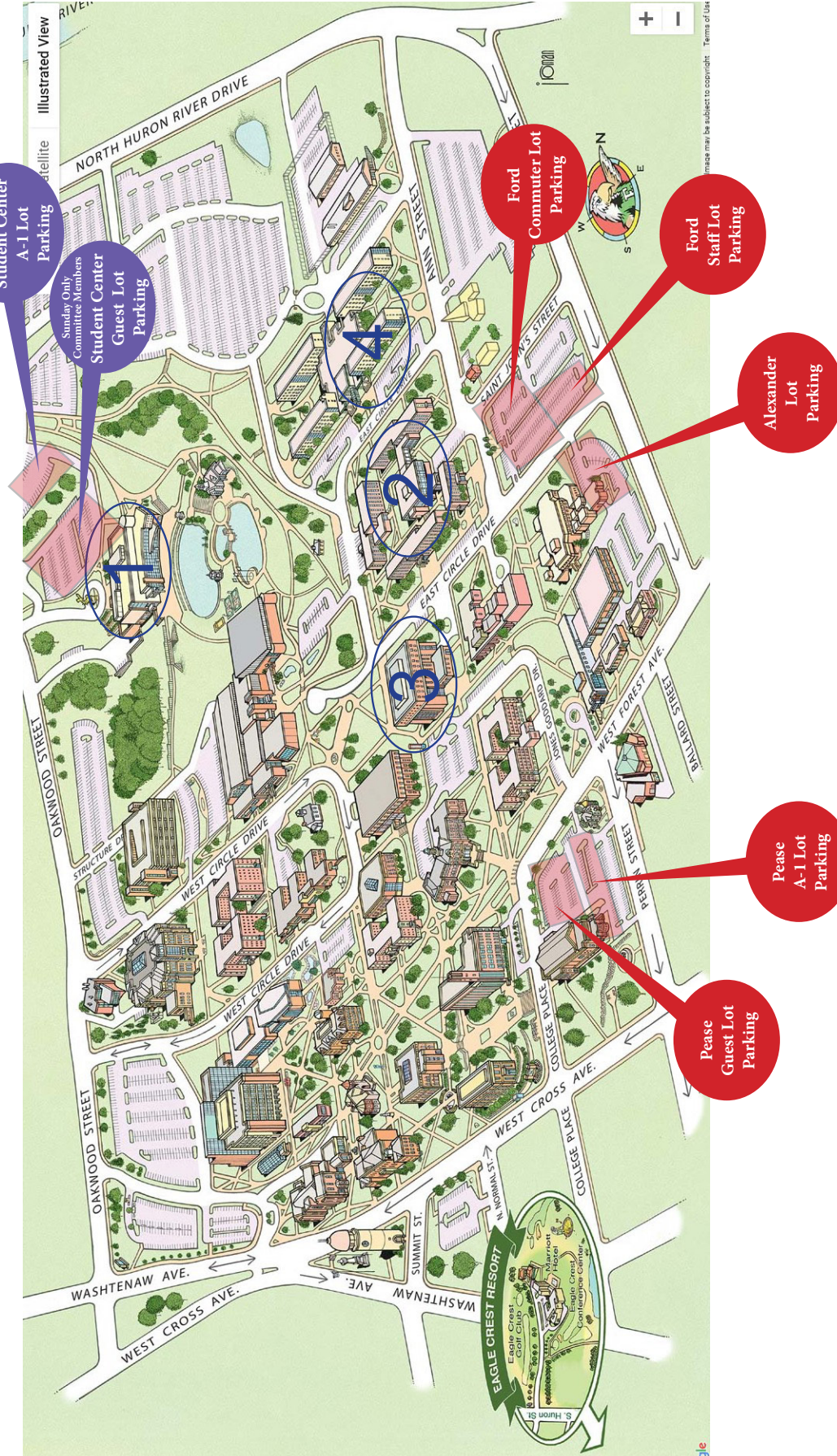
Tag your favorite photos
on social media. #NTI2024

Eastern Michigan University

Campus Map and Parking

All parking lots identified on the map are available and free for NTL participants Sunday-Friday. Sunday ONLY - 2 additional parking lots at the Student Center. These are not available M-F.

[Click here](#) to see an Additional Map of the Campus.



1. Student Center - Lunch for 2nd Year I-Group (1st Floor);
Sunday Only - C, SC, O, OM, IT, TD Group Opening Session (2nd Floor)
2. The Commons - Lunch for 1st Year I-Group and OAs
3. Pray-Harold - 1st and 2nd Year I-Group Classes
4. Walton Residence Hall (on campus housing) - E. Circle Dr., Ypsilanti, MI 48197; Park at Ford Commuter Lot

EMU Wi-Fi

Eastern Michigan University has free wi-fi available. Use the **EMU-OPEN-GUEST** network to connect to the campus wi-fi. There is no password needed. For log in directions and additional information, [click here](#).

EMU Parking

You must park in one of the designated parking areas at Eastern Michigan University. Please see the EMU map for locations. If you do not park in these spots, you may get a ticket. We cannot fix your ticket. You will be responsible for paying the parking ticket.

Washtenaw Community College

Campus Map and Parking

**All parking lots and the parking structure (PS) are available and free for NTI participants.
A continental breakfast will be served from 6:45am-7:30am M-F at the Morris Lawrence Building.**

Washtenaw Community College Map wccnet.edu/map



BE	Business Education
CPS	Campus Public Safety
DF	Damon Flowers
FE	Family Education
GL	Great Lakes Regional Training Center
GM	Gunder Myran
HFC	Health and Fitness Center
LA	Crane Liberal Arts and Science
ML	Morris J. Lawrence
OE	Larry L. Whitworth
PS	Occupational Education Parking Structure
SC	Student Center
SR	Storage and Receiving
HL	Henry S. Landau Skilled Trades
TI	Technical and Industrial
	Parking Lots

WCC Wi-Fi

Washtenaw Community College has free wi-fi available. Use the **wccnet** Wi-Fi network to connect to the campus wi-fi. There is no password needed.

Wi-Fi Calling on Personal Devices

To help with limited cellphone coverage in areas of the WCC Campus, Enable Wi-Fi Calling on your smartphone.

Please follow the instructions below to enable Wi-Fi Calling on your Smartphone. Please note the Android OS versions can vary, and you may need to contact your Service Provider for detailed instructions to enable Wi-Fi Calling if the instructions below do not work for your device.

Important: You may incur additional charges for making calls over Wi-Fi, so check with your mobile service provider for details.

For Apple:

To turn on Wi-Fi Calling, go to Settings > Phone > Wi-Fi Calling. You might need to enter or confirm your address for emergency services.

If Wi-Fi Calling is available, you'll see "Wi-Fi" in the status bar while viewing Control Center. Then your calls will use Wi-Fi Calling.

When cellular service is available, your iPhone uses it for emergency calls. If you turn on Wi-Fi Calling and cellular service isn't available, emergency calls might use Wi-Fi calling. Your device's location may be used to aid response efforts when you place an emergency call, regardless of whether you enable Location Services.

For Android:

To turn on Wi-Fi Calling, open the Phone app ☎ > More ⋮ > Settings > Calls > Wi-Fi Calling. If you don't see this option, it's because your carrier doesn't support this feature.

- You can use Wi-Fi Calling without a service on some carriers.
- If your carrier doesn't offer Wi-Fi Calling, you can still do so through a voice over IP service.

Once you've set up Wi-Fi Calling, you can make a call over Wi-Fi just like any other call. When you're connected to the internet, you'll see "Internet Call" or "Wi-Fi Calling" on the notification screen.

When you're not connected to Wi-Fi, your calls will use your mobile carrier.

Tuesday Evening Presentations

July 30, 2024

6:00 pm - 9:00 pm

WCC - OE Building

CLASS4, FAULT MANAGED POWER SYSTEMS - AN OVERVIEW AND INSIGHTS

Room OE135	<p>Sponsored by: VoltServer Instructor: Bob Manifold, Ernie Stockton, and Luke Getto</p> <p>Class4 Fault Managed Power Systems (FMPS) are included in the new Section 726 of the 2023 NEC. Class4 systems provide powering solutions for remotely located applications where power is currently unavailable, the available capacity is too small, or where the applications require, or benefit, from a centrally backed up power source. FMPS solutions are capable of providing kW's of power, 100's or 1000's of feet away from the source, over smaller conductors, in a format that is 'Touch Safe'.</p> <p>The session will provide background on the evolution of FMPS, current status of Class4 Systems specifications and approvals, overview of the component parts for a Class4 System, stand alone and integrated deployment models, along with insights to Best Practices for designs and deployments.</p>
---------------	---

COPPER AND FIBER OPTIC CABLE CERTIFICATION

Room OE123	<p>Sponsored by: Fluke Corporation Instructor: David Ripple</p> <p>Intro – role of cable certification. Copper twisted pair technology and standards review. Hands-on cable certification exercises using Fluke DSX cable certifiers. Fiber Optic cabling technology and standards review. Inspection and cleaning best practices. Hands-on length-loss certification exercises using Fluke CertiFiber Pro Optical Loss Test Sets.</p>
---------------	--

HART CALIBRATION, INSTRUMENTATION MAINTENANCE AND THE FLUKE-754 CALIBRATORS (FLUKE CORPORATION)

Room OE129	<p>Sponsored by: Fluke Corporation Instructor: Jim Shields and Michael Crepps</p> <p>The Fluke-744 and 754 calibrators are utilized in the current Instrumentation Curriculum. These calibrators are used for hands on exercises teaching students the finer elements of calibration and maintenance of temperature and pressure of HART transmitters.</p>
---------------	--

INTEGRATING HANDS-ON PLC AND VFD INSTRUCTION ACROSS THE CURRICULUM

Room OE127	<p>Sponsored by: American Technical Publishers Instructor: Glen Mazur and Julie Welch</p> <p>This hands-on seminar will show methods of teaching PLCs and VFDs (motor drives) while including AC/DC, motor, motor control, print reading, digital, and test instrument concepts. Practical hands-on exercises help build the foundation required to work on electrical systems that include PLCs, VFDs, sensors, motors, relays, timers, and other components.</p>
---------------	--

PROGRAMMABLE LOGIC RELAYS AND THEIR PLACE IN THE CLASSROOM

Room OE131	<p>Sponsored by: electrical training ALLIANCE/ETI, Indianapolis Instructor: Paul Meyers</p> <p>This evening course will highlight cost-effective classroom activity labs to assist instructors in the Blended Learning approach for programmable controller training.</p>
---------------	---

Tuesday Evening Presentations

July 30, 2024

6:00 pm - 9:00 pm

WCC - OE Building

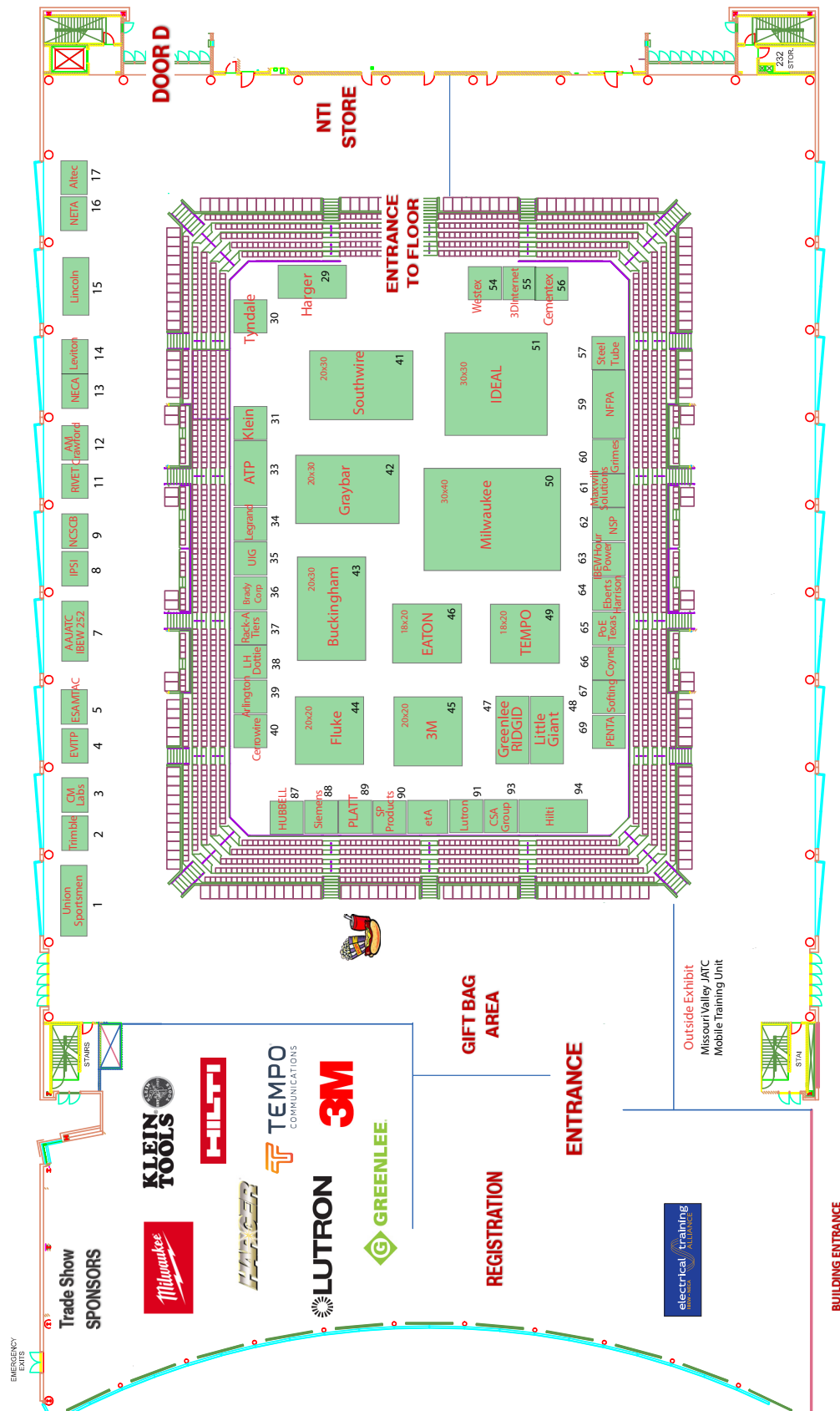
THE SOLAR WORKFLOW AND ELECTRICAL SAFETY	
Room OE120	<p>Sponsored by: Fluke Corporation Instructor: Will White</p> <p>The solar industry is one of the fastest-growing job markets in the U.S., and with new people joining the industry every day, it's essential to be familiar with the tasks that need to be completed and how to do them safely. In this course, we will review a typical solar workflow from installation through maintenance and the critical tests performed at each step. We'll discuss the standards for test and measurement equipment, relevant safety codes, and how to test electrical equipment safely.</p>
UTILIZING CONDUIT CML	
Room OE148	<p>Sponsored by: Albuquerque JATC Instructor: Chris Purcell</p> <p>Utilizing the new Conduit Bending & Fabrication CML courses and reinforcement in the classroom.</p>
GUIDING SUCCESS: ELECTRICAL THEORY 1 (DC) - CML INSTRUCTOR WORKSHOP	
Room OE150	<p>Sponsored by: electrical training ALLIANCE Instructor: Marcus Burleson</p> <p>This workshop will provide instructors with an overview of the new Electrical Theory 1: Direct Current course, structured around the Computer-Mediated Learning (CML) approach. The session will cover the course rationale, a detailed walkthrough of the course content, and the available instructor resources. We will discuss expectations, address common feedback and solutions, and provide strategies for effective implementation. The goal is to equip instructors with the knowledge and tools to facilitate hands-on learning and maximize instructional time.</p>

33rd Annual Trade Show

55	3DInternet
45	3M Company Electrical Markets Division
17	Altec Sentry
12	AM Crawford, Inc.
33	American Technical Publishers, Inc.
39	Arlington Industries
36	Brady Corporation
43	Buckingham Manufacturing Company, Inc.
56	Cementex Products, Inc.
40	Cerrowire
3	CM Labs
66	Coyne First Aid, Inc.
93	CSA Group Testing & Certificaton
lobby	Destination Ann Arbor
46	EATON
64	Eberts & Harrison, Inc
4	Electric Vehicle Infrastructure Trg Prog (EVITP)
5	Energy Storage & Microgrid Trg & Cert (ESAMTAC)
44	Fluke Corporation
42	Graybar Electric Company, Inc.
47	Greenlee
60	Grimes Insurance & Financial Services
29	Harger Lightning and Grounding
94	Hilti
87	HUBBELL BURNDY
7	IBEW LU 252 / Ann Arbor Electrical JATC
51	IDEAL Electrical
8	Intl Public Safety Institute
31	Klein Tools, Inc.
34	Legrand

14	Leviton Manufacturing Company, Inc.
38	LH Dottie Company
15	Lincoln Electric Company
48	Little Giant Ladder
91	Lutron Electronics, Inc.
61	Maxwill Solutions
50	Milwaukee Tool Corporation
outside	Missouri Valley JATC Mobile Training Unit
9	National Cable Splicing Certification Board
13	National Electrical Contractors Association
59	National Fire Protection Association
62	National Safety Apparel
16	NETA-InterNational Electrical Testing Assn
63	Oswego Creative / IBEW Hour Power
69	PENTA Electrical Safety Products
89	Platt Electric Supply
65	PoE Texas
37	Rack-A-Tiers Manufacturing Inc.
11	Rivet Work
88	Siemens Industry, Inc.
67	Softing, Inc.
41	Southwire Company
90	SP Products, Inc.
57	Steel Tube Institute
49	TEMPO Communications
2	Trimble
30	Tyndale Company, Inc.
35	Union Insurance Group
1	Union Sportsmen's Alliance
54	Westex: A Milliken Brand

Trade Show Floor Plan



Inside Training Partners



Inside Industry Training Partners

PLATINUM LEVEL

3M Company Electrical Markets Division
 Brady Corporation
 Eaton
 Fluke Corporation
 Graybar Electric Company, Inc.
 Greenlee
 Harger Lightning & Grounding
 Hilti
 IDEAL Electrical

Klein Tools, Inc.
 Little Giant Ladder
 Lutron Electronics, Inc.
 Milwaukee Tool Corporation
 nVent
 Schneider Electric US
 Southwire Company
 TEMPO Communications
 Tyndale Company, Inc.

GOLD LEVEL

3DInternet
 ABB Installation Products, Inc.
 American Technical Publishers, Inc.
 IEQ
 Legrand, North America
 MOSAIC
 Wellshade

SILVER LEVEL

Destination Ann Arbor

Outside Training Partners



Outside Industry Training Partners

PLATINUM LEVEL

Buckingham Manufacturing Company, Inc.

Milwaukee Tool Corporation

Tyndale Company, Inc.

GOLD LEVEL

American Technical Publishers, Inc.

Newpark Mats and Integrated Services

SILVER LEVEL

Genie – A Terex Brand

BRONZE LEVEL

3M Company Electrical Markets Division

Committee / Special Committee

C/SC GROUP AGENDA

SATURDAY, JULY 27, 2024

8:30 AM – 5:00 PM **Registration** – Eastern Michigan Univ. George Gervin GameAbove Center-G3 (formerly the Convocation Center) 799 N Hewitt Road, Ypsilanti, MI 48197

9:00 AM – 5:00 PM **Trade Show** – Eastern Michigan Univ. George Gervin GameAbove Center (G3)

NOTE: There will be no buses. Please consider driving, there is plenty of parking.

SUNDAY, JULY 28, 2024

7:00 – 7:45 AM **Prayer/Worship Service** – Eastern Michigan Univ.-G3, Auxiliary Gym

8:00 AM – Noon **Registration** – Eastern Michigan Univ. G3

8:30 AM - Noon **Trade Show** – Eastern Michigan Univ. G3

11:30 AM – 1:00 PM **Lunch** – Eastern Michigan Univ. – Student Center Ballroom, 2nd floor

1:00 – 4:30 PM **Late Registration** – Eastern Michigan Univ. – Student Center, 2nd floor

1:00 – 2:45 PM **C/SC Group Opening Session**– Eastern Michigan Univ. – Student Center Ballroom, 2nd floor

Welcome and Opening Remarks – Todd Stafford

State of the Industry – Todd Stafford

2:45 – 3:00 PM **Refreshment Break**

3:00 – 5:00 PM **C/SC Group Opening** – Eastern Michigan Univ. – Student Center Ballroom, 2nd floor

Mental Health Awareness in Our Industry – Facilitated by Cindy Sanderfur

The statistics are sobering: *Construction workers have one of the highest rates of suicide across all industries; *The construction industry has historically struggled with issues related to substance abuse, including alcohol and drug misuse; *The nature of construction work can contribute to stress among workers; *Studies have shown that construction workers experience higher rates of depression and anxiety. These statistics emphasize the urgency of addressing mental health within the construction industry and implementing measures to support well-being, including promoting a culture of openness and support. Join our panel as we explore actionable strategies for making meaningful improvements.

Empowering Apprenticeship: Key Tools, Resources and Latest Updates - Greg Greiner

The *electrical training ALLIANCE* is dedicated to developing and providing essential tools and solutions for AJATC/JATCs, local unions, and contractors, with a focus on comprehensive training support. Recognizing that effective training extends beyond the immediate instruction, our approach encompasses selecting the right candidates, teaching pertinent skills, and timing the training optimally—all tailored to enhance local union growth, retention, and opportunities. This presentation will highlight where to find and obtain these resources to support your efforts.

5:30 PM **Group Photograph** – Eastern Michigan Univ. G3

5:45 PM **Opening of the 2024 National Training Institute** – Eastern Michigan Univ., G3

Dining for Dollars Voucher Program: Any participant (and family member) attending the Opening will receive a voucher worth \$25.00 for use at any participating local restaurant Monday through Thursday evening during NTI. You must be in attendance and seated in the arena to receive the voucher. Participating restaurants are listed on the App or the website's Event Guide.

Committee / Special Committee

C/SC GROUP AGENDA

SUNDAY, JULY 28, 2024

Immediately Following: **Welcome Reception** – EMU, G3, South Parking Lot (Tent)
Reception is a relaxed, informal atmosphere.

REMEMBER: There is no “standing” in any classrooms, if there are no seats, please attend another session.

MONDAY, JULY 29, 2024

7:30 – 8:45 AM **BREAKOUT SESSIONS** – Washtenaw Community College (WCC) Crane Liberal Arts Building (LA), Student Center (SC) and Morris Lawrence (ML) Building

ML Towsley Aud. **Session 1: Substance Abuse: IBEW-NECA electrical training ALLIANCE Model Substance Abuse Policy and Program for JATCs/AJATCs** – Lucas Aubrey

This session will focus on issues related to testing for drug and alcohol use. We will focus on the ALLIANCE’s Model Substance Abuse Policy and Program for AJATC/JATCs. We will also discuss legal issues related to the legalization of medical and recreational marijuana; and the recent enactment of employment protections in some states for individuals who are legally using marijuana under state law.

LA Room 140 **Session 2: Grant Readiness with the electrical training ALLIANCE (etA) and AM Crawford** – Rebecca Dettorre and Michael Barcelone

During this presentation, staff from AM Crawford (AMC) will describe what it means to be “grant ready.” We’ll briefly discuss the partnership between the electrical training ALLIANCE and AMC, and what this partnership means for your JATC. “Grant Read” means being able to provide AMC-and the funder-information and documents such as your operating and program budget, approved Standards, IRS Determination Letter, 990s, two years of audited financials, program demographics, and apprenticeship/journeyworker wages. We’ll discuss why this information is important from the funders’ perspectives. At the end of the presentation, we’ll have a Q&A session.

LA Room 340 **Session 3: Inside Wireman Apprentice Retention Study: Findings and Insights** – Gee Rege

In December 2022, electrical training ALLIANCE (etA) partnered with the American Institutes for Research (AIR) to better understand the retention challenges faced by Inside Wireman apprentices. Consequently, the AIR team conducted a study to better understand the factors influencing Inside Wireman apprentices’ decisions to remain in or withdraw from their program. During the presentation, AIR’s project director, Gee Rege, will present an overview of the study that was conducted along with findings and insights from this study.

8:45 – 9:00 AM **Refreshment Break**

9:00 – 10:15 AM **BREAKOUT SESSIONS** –WCC, Crane Liberal Arts Building (LA), Student Center (SC) and Morris Lawrence (ML) Building

ML Towsley Aud. **Session 1: ERISA 101** – James V. Cole, II

This session will cover essential information for Committee Members and Training Directors on the do’s and don’t’s of running an ERISA Trust program.

LA Room 240 **Session 2: Reinventing the Electrical Construction Industry** – Josh Bone

This presentation will explore the transformative trends shaping our sector today—digitization, industrialization, and electrification. As we stand at the precipice of technological advancements, these key trends offer unprecedented opportunities to fundamentally enhance how we operate, innovate, and deliver projects. In this session we will delve into how digitization is streamlining operations, improving accuracy, and fostering real-time collaboration across vast networks. Industrialization is being redefined within our industry, introducing new methods such as prefabrication and modular construction that are set to drastically enhance efficiency and scalability. Moreover, the electrification of systems across all facets of infrastructure presents a wealth of projects that demand sophisticated, high-quality electrical work. We are encouraged to shift from scarcity to an abundance mindset, recognizing the vast amount of work available and the critical need for skilled execution. This change in perspective is vital as it will enable us to leverage the collective strength, resilience, and innovative spirit of both the IBEW and NECA.

LA Room 340 **Session 3: Interim Credential for High Schools** – Bill Ball and Audra Kellams

This session will provide an overview of the Interim Credential (IC) program.

10:15 – 10:30 AM **Classroom Change**

Committee / Special Committee

C/SC GROUP AGENDA

MONDAY, JULY 29, 2024

10:30 – 11:45 AM *BREAKOUT SESSIONS – WCC, LA, SC, and ML*

ML Towsley Aud. **Session 1: Lines of Separation between the JATC/AJATC and the Union** – Lucas Aubrey

Committee members and JATC/AJATC employees typically must act only in the interest of the apprenticeship program when acting in their capacity as apprenticeship program representatives. This means that there must be a separation between the sponsoring local union/NECA Chapter and the AJATC/JATC. In this session, we will discuss (1) the legal need for separation; (2) problems with JATC/AJATC involvement in matters of the apprentices' union membership and dues payment; and (3) best practices to promote confidentiality, including tips for taking, maintaining, and distributing committee meeting minutes.

LA Room 140 **Session 2: Forward Focused: Navigating the Evolution of Electrical Regulations** – Kyle Krueger

This presentation will delve into pivotal industry regulatory topics shaping the electrical landscape. Discover how regulations surrounding limited energy installations, like Class 4 Fault-Managed Power Systems, continue to evolve. Gain valuable insights into service and maintenance requirements crucial for ensuring system reliability. Attendees will also receive a forward-looking perspective, offering a glimpse into the anticipated changes of the 2026 NEC. Additionally, stay updated on the latest initiatives from NECA Codes and Standards as we continue to drive innovation and compliance. Don't miss the opportunity to stay informed and ahead of the curve in this ever-evolving industry.

LA Room 240 **Session 3: The Lost Art of Listening** – L. Joe (Joey) Shorter, Ph.D.

In today's fast-paced world, genuine listening has become a rare skill. This course aims to rediscover and cultivate the art of active listening in both personal and professional contexts. Through a combination of theoretical frameworks, practical exercises, and real-world examples, attendees will learn how to overcome barriers to effective listening, develop empathy, enhance communication skills, and build stronger relationships. Attendees will have the tools and understanding to become adept listeners in an increasingly noisy world.

LA Room 340 **Session 4: Grant Fundraising for JATCs/AJATCs & National Initiatives** – Andrea Crawford and Valerie Mojeiko

This presentation highlights the success of training centers across the country in securing over \$9M in grant funds over the past three years. It provides an overview of the grants JATCs won and explores opportunities for other JATCs to partner with the *ALLIANCE* on future grant proposals. Additionally, the presentation discusses the process of working with the *ALLIANCE* and AM Crawford consultants and provides tips on how to become "grant ready". This presentation is ideal for JATC/AJATC's leaders and staff who wish to pursue grant-seeking or expand their grant income.

11:45 AM–12:45 PM *Lunch – WCC, ML, Atrium*

12:45 – 2:00 PM *BREAKOUT SESSIONS – WCC, LA, SC, and ML*

ML Towsley Aud. **Session 1: Scholarship Loan Agreements** – Lucas Aubrey

Scholarship Loan Agreements (SLAs) are commonly used to promote the retention of apprentices in the unionized construction industry throughout the term of training and beyond. Under the *ALLIANCE*'s Model SLA, the JATC/AJATC advances the cost of training to the apprentice, and the apprentice agrees to repay those costs, either in cash or in-kind by working a specified number of years after graduation for contributing employers. We will discuss the current legal status of SLAs, the *ALLIANCE*'s Model SLA, and SLA alternatives.

SC 132 - Garretts **Session 2: Crane, Aerial Lifts & Cable Splicing Certification Updates** – Virgil Melton and Brad Dozier

This session will update participants on the crane curriculum, aerial lift training, cable splicing modules, and certification.

LA Room 140 **Session 3: Stress Less, Achieve More: Balancing Career and Well-being** – Dr. Charles Sanderfur

Over the last year, 74% of individuals have reported feeling stress to the extent that they felt overwhelmed and unable to manage it. This kind of stress significantly raises the risk of illness and depression and increases suicide rates. Careers are supposed to improve our personal and family health, not compromise them. Imagine managing your career while embracing self-care and well-being. You can equip yourself with simple, motivational tools that reduce anxiety and enhance well-being. You have the ability to transform your life and make your health a priority!

Committee / Special Committee C/SC GROUP AGENDA

MONDAY, JULY 29, 2024

LA Room 340	Session 4: Grant Readiness with the <i>electrical training ALLIANCE (etA)</i> and AM Crawford – Rebecca Dettorre and Michael Barcelone See prior description.
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:30 PM	<i>BREAKOUT SESSIONS</i> – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: Selection Procedures – Robert L. Duston This session will discuss the Selection Procedures and the alternatives available.
LA Room 140	Session 2: Insurance 101 - Nick Giovenco Education on insurance for AJATC/JATCs.
LA Room 240	Session 3: Regulatory Updates – Jim Cole This session will explore the final apprenticeship utilization regulations for the Inflation Reduction Act. The final 29 CFR 29 regulations are expected to be released prior to NTI and will be discussed as well.
LA Room 340	Session 4: Impacts of AI on Electrical Construction Industry – Josh Bone In this engaging presentation, we will delve into the exciting realm of artificial intelligence (AI) and its potential impacts on the electrical construction industry. The presentation will cut through the complexities of AI and focus on the practical aspects that matter most to electricians and contractors. We will explore how AI technologies can streamline project management, enhance everyday workflows, and revolutionize safety practices. Expect a straightforward and informative discussion that provides you with actionable insights. We will share real-world examples and expert opinions to help you grasp the tangible benefits of incorporating AI into any electrical contracting business. By the end of this presentation, you will have a clear understanding of how AI can be harnessed to drive efficiency, reduce costs, and elevate the quality of electrical contracting projects.
SC 132 – Garretts	Session 5: Exciting Changes for VEEP – Greg McMurphy and Jason Iannelli As we expand the Veterans Electrical Entry Program (VEEP), it's crucial to recognize the immense value that VEEP graduates bring to our industry. Committee members play a pivotal role in shaping the future workforce, and their acceptance of VEEP participants directly impacts the success of our electrical programs. New locations have been opened up in the past year and more are in the pipeline. Jason and Greg will provide updates on the expansion and the processes that we follow when working with Training Directors in securing agreements for our applicants. Committees have the opportunity to invest in the future of our industry. By accepting VEEP graduates, they contribute to a sustainable workforce pipeline. These veterans, armed with both technical skills and a strong work ethic, will drive progress, and ensure the continued success of our electrical programs.
3:30 – 3:45 PM	Classroom Change
3:45 – 5:00 PM	<i>BREAKOUT SESSIONS</i> – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: Discipline and Termination of Apprentices – Robert L. Duston This session will cover the discipline and termination of apprentices
LA Room 140	Session 2: Grant Fundraising for JATCs/AJATCs & National Initiatives – Andrea Crawford and Valerie Mojeiko See prior description.
LA Room 340	Session 3: Fact Check: Where Have All of the Workers Gone? – L. Joe (Joey) Shorter, Ph.D. Attendees will explore factors contributing to labor shortages in various industries and regions. We will gain insight into the complex interplay of economic, social, and demographic factors shaping the labor market (i.e., technological advancements, demographic shifts, immigration policies, changing workforce preferences, birth/death rates, and global economic trends). Learn to understand, anticipate, and address labor shortages in diverse contexts.
SC 132 - Garretts	Session 4: EVITP 5.0 Launch & Energy Storage (ESAMTAC) Evolution – Bernie Kotlier and Jennifer Mefford

Committee / Special Committee

C/SC GROUP AGENDA

MONDAY, JULY 29, 2024

EVITP 5.0 launched recently. Review curriculum updates and enhancements with National Co-chairs Bernie Kotlier and Jennifer Mefford. The Energy Storage market is growing, and so is the need for ESAMTAC Training and Certification. Learn about industry interest in ESAMTAC and how you can implement ESAMTAC in your market.

5:00 – 6:30 PM **Training Director/Assistant Training Director Reception – ML, Towsley Auditorium Atrium**

REMEMBER: There is no “standing” in any classrooms, if there are no seats, please attend another session.

TUESDAY, JULY 30, 2024

7:30 – 8:45 AM **BREAKOUT SESSIONS – WCC, LA, SC, and ML**

ML Towsley Aud. **Session 1: New Boilerplate Standards – Robert L. Duston**

This session will review the new Boilerplate Standards required by the U.S. Department of Labor and approved by the *electrical training ALLIANCE* trustees.

LA Room 140 **Session 2: Fostering an Inclusive Culture in the Electrical Construction Industry – Keith Edwards and Jamell Thrower**

Join a discussion with members of the Electrical Workers Minority Caucus (EWMC) about our industry’s journey toward a more welcoming and diverse workplace environment and how we can promote equity, address biases, and implement policies that support inclusivity and collaboration among all members.

LA Room 240 **Session 3: Intermediate Excel – Stephen Boyd**

This session will focus on intermediate skills for Excel users including advanced copy and paste; formulas; data validation and protection; creating look-up fields; working with formatted tables; mail merge; and email merge.

LA Room 340 **Session 4: Helmets to Hardhats – Martin Helms**

Helmets to Hardhats is a 20-year-old non-profit organization developed by the Building Trades to recruit military veterans exclusively to the organized building trades. The IBEW is a prime choice of 33% of the veteran career seekers of the nearly 18,000 accounts created annually. Come find out how your simple participation in the H2H program could make a difference for one of the men or women who have honorably served this country.

8:45 – 9:00 AM **Refreshment Break**

9:00 – 10:15 AM **BREAKOUT SESSIONS – WCC, LA, SC, and ML**

ML Towsley Aud. **Session 1: Trustee Expenses and Gifts – James V. Cole II**

This session will cover valuable information for Committee Members and Training Directors on the ERISA Trust program expenses and gifts.

SC 132 - Garretts **Session 2: Reinventing the Electrical Construction Industry – Josh Bone**

See previous description.

LA Room 140 **Session 3: Forward Focused: Navigating the Evolution of Electrical Regulations – Kyle Krueger**

See prior description.

LA Room 340 **Session 4: Employment and Reemployment Rights to Apprentices with Military Service Obligations (USERRA) – Lucas Aubrey**

The Uniformed Services Employment and Reemployment Rights Act of 1994 (USERRA) provides a number of re-employment entitlements for employees and applicants. In this session, we will focus on your JATC/AJATC’s responsibilities to applicants and registered apprentices with military service obligations under USERRA. Come and learn what’s expected of you, what your apprentices are entitled to, and what they need to do to earn those entitlements.

10:15 – 10:30 AM **Classroom Change**

10:30 – 11:45 AM **BREAKOUT SESSIONS – WCC, LA, SC, and ML**

ML Towsley Aud. **Session 1: ADA and Harassment Investigations – Robert L. Duston**

Committee / Special Committee

C/SC GROUP AGENDA

TUESDAY, JULY 30, 2024

	This session will cover ADA and how to investigate harassment complaints.
SC 132 - Garretts	Session 2: The New Standards and CML for Committees – Jim Stover
	The presentation focuses on Committee members and how to leverage the new National Standards and CML to improve recruitment, retention, and completion at the JATC.
LA Room 140	Session 3: Active Threat/Shooter – Chief Carl Schinner
	This session will provide a history of active shooters in America. We will also discuss ways for businesses and individuals to protect themselves should a threat occur in the workplace.
LA Room 340	Session 4: The Platinum Age of Labor (A Parable) – L. Joe (Joey) Shorter, Ph.D.
	In this session, we explore the dynamic landscape of labor in the contemporary era. From globalization to technological advancements, we delve into the multifaceted forces shaping the world of work. We will view the intersection of economics, sociology, politics, and technology in understanding labor dynamics. Attendees will discuss and develop a nuanced understanding of the challenges and opportunities facing workers in the 21st century, in our ever-changing labor landscape.
11:45 AM–12:45 PM	Lunch – WCC, ML, Atrium
12:45 – 2:00 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: ERISA 201 – James V. Cole II
	This session will cover in more detail the ERISA regulations.
SC 132 - Garretts	Session 2: Helmets to Hardhats – Martin Helms
	See prior description.
LA Room 140	Session 3: Apprenticeship: The “New” Career Choice – L. Joe (Joey) Shorter, Ph.D.
	We will explore the fundamental principles and practical applications of apprenticeship programs, offering insight into how they provide a bridge between education and employment in various industries. Attendees will examine the evolving role of apprenticeship in today's job market. Come, join us in uncovering the benefits that apprenticeships offer individuals, employers, and society as a whole, through workforce development, skill acquisition, and economic growth.
LA Room 340	Session 4: Funny Business – Cindy Sanderfur
	We spend a staggering amount of time at work - an average of 93,600 hours over a lifetime, and for many, that figure only continues to grow. With such a substantial investment of our time and energy, it's inevitable that we encounter a range of experiences, from exhilarating heights to the challenging lows, all of which impact us and those we work with. Knowing this only emphasizes the importance of our communication and interaction and the need to create a more enjoyable, productive, and harmonious workplace environment. Being intentional and committed to fostering positive relationships can help us uncover the power of humor and authenticity in shaping our interactions.
ML Room 150	Session 5: Computer-Mediated Learning (CML) Implementation – Lessons Learned and Recommendations from the Field - Jon Gosse
	CML courses provide new opportunities for training flexibility and hands-on training. The transition process to CML affects Apprentices, Instructors, Training Directors, and training programs as a whole. This presentation addresses a study conducted by the Core/CML Committee and focuses on training programs that have recently implemented CML courses. Training Directors were interviewed and share what they have learned in the implementation process, and offer helpful insights on what best practices they recommend for program success.
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:30 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML, Towsley Aud.	Session 1: Nuts and Bolts of AJATC/JATC Governing Documents – Lucas Aubrey
	This session will discuss the importance of understanding AJATC/JATC governing documents including (1) the apprenticeship provisions in the collective bargaining agreement and Areawide Training Agreements; (2) the trust agreement; (3) the Standards; and (4) the program's policies and procedures. The session will highlight problems that can occur when a program does not follow its governing documents, and it will include recommendations for avoiding these problems.

Committee / Special Committee

C/SC GROUP AGENDA

TUESDAY, JULY 30, 2024

LA Room 140	Session 2: Curriculum Planning and Support Using the CLCS – Nate Eaton
	This presentation will cover in detail the design of the Course Level and Credit Summary (CLCS) tool and how to support creating custom resources for your program, instructors, and students. All aspects of the CLCS will be explained including how to build, duplicate, save, recall, and export curriculum plans. Also to be covered is how to create unique one-off or other resources for staff or entities that need awareness of the curriculum being used to train your apprentices and membership.
LA Room 240	Session 3: What the Hell is Artificial Intelligence and Why Should I Care About It? – Mike deSimon
	The presentation will focus on the rapid rise of AI, a brief history and understanding of what AI is and how this technology is impacting our daily lives today, and what does tomorrow's AI look like. It will also focus on how IBEW/NECA training related organizations can leverage it in our organizations to gain efficiencies and a competitive edge. It will also discuss the future states that we are looking at for AI integration into the Online Learning System. This presentation will be a dynamic demo of practical usage of these types of tools in various ways.
LA Room 340	Session 4: Training Director Retention Study: Findings and Insights – Gee Rege
	The <i>etA</i> supports approximately 275 IW training programs, which collectively train an estimated 40,000 active IW apprentices. Training Director turnover leads to a lack of stability within a training program, which can be detrimental to the success of the IW apprentices. To address this issue, <i>etA</i> partnered with American Institutes for Research (AIR) to identify and understand the factors that influence a Training Director's decision to stay in or leave their employment at Inside Wireman training programs. During this presentation, AIR's project director, Gee Rege will present an overview of the study approach, along with the study's findings and insights.
SC 132 - Garretts	Session 5: Best Practices for TMS – Jim Stover and William Orick
	The presentation focuses on assisting Training Directors in the efficient use of the PTSI TMS. Topics include the CLCS, Bookstore, rostering, enrolling, tokens vs. subscriptions, and access tiers. The new Test Platform will be touched on but will be covered in depth in another session.
3:30 – 3:45 PM	Classroom Change
3:45 – 5:00 PM	GENERAL SESSION – Washtenaw Community College (WCC), Morris Lawrence Building (ML) Towsley Auditorium
	NEBF, NEAP, and FMCP – Darrin Golden
	Overview of the National Electrical Benefit Fund (NEBF), National Electrical Annuity Plan (NEAP), and the NECA/IBEW Family Medical Care Plan (FMCP).
6:00 – 9:00 PM	Training Partner Evening Presentations – WCC, Various Locations

WEDNESDAY, JULY 31, 2024

7:30 AM SHARP!	NTI's Annual A.J. Pearson Charity Golf Event – Stonebridge Golf Club (Proceeds to Tunnel to Towers Foundation) https://electricaltrainingevents.org/event/640/info
1:30 PM	NTI's Annual A.J. Pearson Charity Golf Event – Stonebridge Golf Club – PM (Proceeds to Tunnel to Towers Foundation) https://electricaltrainingevents.org/event/640/info
2:00 PM Start	Sporting Clay Shoot – Island Lake Shooting Range (12:30-1:30 pm Registration/Lunch) https://electricaltrainingevents.org/event/641/info
6:00 – 10:00 PM	Destination Ann Arbor invites you to Main Street for a Block Party Celebrating the 2024 NTI

REMEMBER: There is no "standing" in any classrooms, if there are no seats, please attend another session.

THURSDAY, AUGUST 1, 2024

7:30 – 8:45 AM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
----------------	--

Committee / Special Committee

C/SC GROUP AGENDA

THURSDAY, AUGUST 1, 2024

ML Towsley Aud.	Session 1: Expanding Apprenticeship to Meet Today's Emerging Market Sectors – Jon Rosenberger & John Bzdawka
	This course provides an updated view of the emerging technologies and market sectors in our ever-changing and expanding industry. The case will be made for the urgency to keep pace during this expansionary period, preventing our overall market share from contracting. Innovative steps are necessary to expand our capacities and the supply of qualified craftspersons through apprenticeship, recruiting and organizing if we stand to reprise and continue our role as the leaders in the electrical construction and technology sectors of the 21st century economy.
SC 132 - Garretts	Session 2: Craft Certification Updates – Bill Ball
LA Room 140	Session 3: Practical AI in Construction – Jared Christman
	Everyone is talking about AI in construction, but how can it be used exactly? In this session we will discuss the types of AI and a brief example of each. How to ask the right question to avoid getting incorrect information (hallucinating), and how to create your own GTP to customize your knowledge base (create your own data to search).
LA Room 340	Session 4: Photovoltaics, Electric Vehicle, and STE Updates – Jason Lunardini
	This session will review and update on the above topics.
8:45 – 9:05 AM	Refreshment Break
9:05 – 10:20 AM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: Finding and Keeping the Best Employees – L. Joe (Joey) Shorter, Ph.D.
	In this session, we discuss strategies and tools necessary to attract, identify, and retain top talent in today's competitive job market. We will explore best practices for sourcing candidates and conducting interviews, touching on the topic of evaluating candidates to ensure the right fit for them and the organization. Participants will also look at fostering a positive workplace culture to maximize employee retention. Our goal is to help develop skills needed to build and sustain a high-performing team.
SC 132 - Garretts	Session 2: Construction Documentation – Marty Riesberg
LA Room 140	Session 3: Best Practices for TMS – Jim Stover and William Orick
	The presentation focuses on assisting Training Directors in the efficient use of the PTSI TMS. Topics include the CLCS, Bookstore, rostering, enrolling, tokens vs. subscriptions, and access tiers. The new Test Platform will be touched on but will be covered in depth in another session.
LA Room 340	Session 4: Curriculum Development Process – Paul Morris
10:20 – 10:40 AM	Classroom Change
10:40 – 11:55 AM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: Grant Opportunities and Overview of the Training Director Retention Survey – Steve Anderson
	This session will review current grant opportunities as well as potential upcoming opportunities. We will also cover some of the results from the Training Director Retention Survey.
LA Room 140	Session 2: Instrumentation Exam Preparation – Jason Lunardini
	This session will review the Instrumentation Exam Prep course.
LA Room 340	Session 3: Residential and Installer-Technician Curriculum Updates – Jim Simpson
	This session will update attendees on the residential and installer-technician curriculum.
11:55 AM – 1:15 PM	Lunch – WCC, ML, Atrium
1:15 – 2:30 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: Budgeting and Accounting Basics – Mark Cerulla

Committee / Special Committee

C/SC GROUP AGENDA

THURSDAY, AUGUST 1, 2024

	An overview of the accounting fundamentals for a non-profit, including the basics of reading financial statements and preparing a budget. Also discussed are some important accounting policies and procedures that are important for non-profits.
LA Room 140	Session 2: PTSI Learning Management System Updates - Steve Harper This presentation will cover all of the important new aspects and common questions around the PTSI Learning Management System. Details shared will explain why things are being built the way they are, how that can impact your delivery, and where to find the helpful resources that staff of the apprenticeship programs will find the most support.
LA Room 240	Session 3: A Committee (JATC) Review of Standards and the Selection Process – Your Role – Steve Anderson, Virgil Melton, and Pam Schinner This session will review standards and the role and responsibilities of the Committee as well as their role in the selection process.
LA Room 340	Session 4: Practical AI in Construction – Jared Christman See previous description.
2:30 – 2:50 PM	Refreshment Break
2:50 – 4:05 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML, Towsley Aud.	Session 1: Artificial Intelligence and Human Augmentation in Our World of Construction – L. Joe (Joey) Shorter, Ph.D. We will delve into the transformative potential of AI technologies in enhancing human capabilities, productivity, and safety in the world of construction (and beyond). Attendees will consider the integration of AI-driven tools, wearable devices, and advanced analytics that are optimizing workflow efficiency, mitigating risk, and empowering workers on the jobsite. See how AI and human augmentation are driving innovation and success in the rapidly evolving landscape of modern construction.
SC 132 - Garretts	Session 2: Computer-Mediated Learning (CML) – It's In the Approach (The Basics and Then Some) – Marcus Burleson CML is a course construct and to use it the best, knowing why and how are key. This presentation will share some important aspects relative to how the courses are structured, what to expect from a CML course, how to navigate the reporting system to find answers to your questions, and some best practices for implementing CML to get the value out of the design. Also to be covered is a status on where the labs are and the order of rollout.
LA Room 140	Session 3: Expanding Apprenticeship to Meet Today's Emerging Market Sectors – Jon Rosenberger & John Bzdawka See prior description.
LA Room 340	Session 4: Apprenticeship and Certification Testing Platform Update 2024 – Jim Stover A deep dive into the new Test Platform, covering setup, administration, and reporting for both certification and apprenticeship applications.
4:05 – 5:45 PM	Prepare to attend the Graduation Ceremonies and Properly Honor This Year's Graduating Class. All Industry Officers and Leaders Will Be In Attendance.
6:00 PM	Graduation Ceremonies – Michigan Theater (603 East Liberty Street)

FRIDAY, AUGUST 2, 2024

	GENERAL SESSIONS – WCC, Morris Lawrence Building, Towsley Auditorium
7:30 – 8:45 AM	Program Spotlight Awards – Greg Greiner, Facilitator This session will review all of the entries in this award program.
8:45 – 9:05 AM	Refreshment Break

Committee / Special Committee

C/SC GROUP AGENDA

THURSDAY, AUGUST 1, 2024

9:05 – 10:20 AM	The TMS & LMS: The Easy Button for Admins. – Jim Stover and Paul Costello
	This presentation will provide simple take home best practices for getting any person new or experienced up to speed with the necessary tools for using the etA and PTSI systems for delivering and monitoring training.
10:20 – 10:40 AM	Break
10:40 – 11:55 AM	electrical training ALLIANCE Staff Roundtable – Greg Greiner, Facilitator
11:55 AM – 1:00 PM	Lunch – WCC, ML, Atrium
1:00 – 2:15 PM	Roundtable with electrical training ALLIANCE Executive Director – Todd Stafford
2:15 – 2:30 PM	Refreshment Break
2:30 – 3:00 PM	C Group Wrap-Up – Todd Stafford

Installer / Technician I/T GROUP AGENDA

SUNDAY, JULY 28, 2024

I/T Participants are invited to attend Sunday events (including lunch and Opening/Welcome) if their travel schedule allows.

7:00 – 7:45 AM	Prayer/Worship Service – Eastern Michigan Univ.-George Gervin GameAbove Center, Auxiliary Gym
8:00 AM – Noon	Registration – Eastern Michigan Univ. George Gervin GameAbove Center (799 N. Hewitt Road, Ypsilanti)
8:30 AM - Noon	Trade Show – Eastern Michigan Univ. George Gervin GameAbove Center
11:30 AM – 1:00 PM	Lunch – Eastern Michigan Univ. – Student Center, 2 nd Floor
1:00 PM – 4:30 PM	Late Registration – Eastern Michigan Univ. – Student Center, 2 nd Floor
1:00 – 2:45 PM	C/SC Group Opening Session – Eastern Michigan Univ. – Student Center Ballroom, 2 nd Floor
	Welcome and Opening Remarks – Todd Stafford
	State of the Industry – Todd Stafford
	This session will cover questions heard from the industry and information sharing on what is coming.
2:45 – 3:00 PM	Refreshment Break
3:00 – 5:00 PM	C/SC Group Opening – EMU, Student Center Ballroom, 2 nd Floor
	Mental Health Awareness in Our Industry – Facilitated by Cindy Sanderfur
	The statistics are sobering: *Construction workers have one of the highest rates of suicide across all industries; *The construction industry has historically struggled with issues related to substance abuse, including alcohol and drug misuse; *The nature of construction work can contribute to stress among workers; *Studies have shown that construction workers experience higher rates of depression and anxiety. These statistics emphasize the urgency of addressing mental health within the construction industry and implementing measures to support well-being, including promoting a culture of openness and support. Join our panel as we explore actionable strategies for making meaningful improvements.
	Empowering Apprenticeship: Key Tools, Resources and Latest Updates - Greg Greiner
	The <i>electrical training ALLIANCE</i> is dedicated to developing and providing essential tools and solutions for AJATC/JATCs, local unions, and contractors, with a focus on comprehensive training support. Recognizing that effective training extends beyond the immediate instruction, our approach encompasses selecting the right candidates, teaching pertinent skills, and timing the training optimally-all tailored to enhance local union growth, retention, and opportunities. This presentation will highlight where to find and obtain these resources to support your efforts.
5:30 PM	Group Photograph – Eastern Michigan Univ. George Gervin GameAbove Center
5:45 PM	Opening of the 2024 National Training Institute – EMU George Gervin GameAbove Center
	Dining for Dollars Voucher Program: Any participant (and family member) attending the Opening will receive a voucher worth \$25.00 for use at any participating local restaurant Monday through Thursday evening during NTI. You must be in attendance and seated in the arena to receive the voucher. Participating restaurants are listed on the App or in the Event Guide.
Immediately Following:	Welcome Reception – EMU, George Gervin GameAbove Center South Parking Lot (Tent) Reception is a relaxed, informal atmosphere.

MONDAY, JULY 29, 2024

	GENERAL SESSIONS – Washtenaw Community College (WCC), Morris Lawrence Bldg. (ML), Room 128
7:30 – 8:00 AM	Introductions and Explanation of I/T Group – Jim Simpson

Installer / Technician I/T GROUP AGENDA

MONDAY, JULY 29, 2024

8:00 – 8:45 AM	Installer/Technician Curriculum Updates – Jim Simpson and Heather Anderson
8:45 – 9:00 AM	Refreshment Break
9:00 – 10:15 AM	Installer/Technician Curriculum Updates (continued) - Jim Simpson and Heather Anderson
10:15 – 10:30 AM	Break
10:30 – 11:00 AM	Comptia – Jeff Parker
11:00 – 11:45	SPARKS Grant – Jim Simpson
11:45 AM – 12:45 PM	Lunch – WCC, ML Atrium
	<i>GENERAL SESSION – WCC, ML, Room 128</i>
12:45 – 2:00 PM	AM Crawford, Grant Fundraising – Andrea Crawford and Valerie Mojeiko
2:00 – 2:15 PM	Refreshment Break
2:15 – 2:45 PM	Curriculum Development – Paul Morris and CDT Team
2:45 – 3:30 PM	Apolan Global – Jim Simpson
3:30 – 4:45 PM	Round Table Discussion - Jim Simpson
4:45 – 5:00 PM	Wrap-Up
5:00 – 6:30 PM	Training Director/Assistant Training Director Reception – WCC, ML Atrium

TUESDAY, JULY 30, 2024

	<i>GENERAL SESSION – WCC, ML, Room 128</i>
7:30 – 8:45 AM	Tempo Communications – Oleg Fishel
8:45 – 9:00 AM	Refreshment Break
9:00 – 10:15 AM	Fluke Networks – David Ripple
10:15 – 10:30 AM	Break
10:30 – 11:15 AM	Voltserver – Luke Getto
11:15 – 11:45 AM	Poe Texas – Tyler Andrews
11:45 AM – 12:45 PM	Lunch – WCC, ML Atrium
12:45 – 2:00 PM	NECA - Jeff Beavers NECA VP - Chuck Fairchild
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:00 PM	Volt Server Kits – Bob Dagostino
3:00 – 3:30 PM	Apolan Global
3:30 – 4:45 PM	Roundtable Session
4:45 – 5:00 PM	Wrap Up – Jim Simpson and Heather Anderson

Instructor Training Group

FIRST YEAR SCHEDULE

SATURDAY, JULY 27, 2024

8:00 am – 12:00 pm	Coyne First Aid Refresher (T-303)	WCC - TI 137
8:30 am – 5:00 pm	Participant Check-In	EMU - George Gervin GameAbove Center
9:00 am – 5:00 pm	NTI Trade Show	EMU - George Gervin GameAbove Center

SUNDAY, JULY 28, 2024

7:00 am – 7:45 am	Prayer / Worship Service	EMU - George Gervin GameAbove Center (Lower Lvl Aux Gym)
8:00 am – 12:00 pm	First Year I-Group (LMS Session)	EMU, Pray-Harrold 201
9:45 am – 10:00 am	Refreshment Break	EMU, Pray-Harrold 208
10:00 am – 12:00 pm	First Year I-Group (LMS Session)	EMU, Pray-Harrold 201
12:00 pm – 1:00 pm	Lunch	EMU, The Commons Bldg
1:00 pm – 2:50 pm	I Group Session #1	See Classroom Schedule
2:50 pm – 3:10 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
3:10 pm – 5:00 pm	I Group Session #2	See Classroom Schedule
5:30 pm – 7:00 pm	Photo & Opening Ceremony Dining Voucher Distribution	EMU - George Gervin GameAbove Center
Following Opening	Welcome Reception	EMU - George Gervin GameAbove Center

MONDAY, JULY 29, 2024 and TUESDAY, JULY 30, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-H 208
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	EMU, The Commons Bldg
12:25 pm – 2:35 pm	I Group Session #1	See Classroom Schedule
2:35 pm – 2:50 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
2:50 pm – 5:00 pm	I Group Session #2	See Classroom Schedule

Instructor Training Group

FIRST YEAR SCHEDULE

WEDNESDAY, JULY 31, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-Harrold 208
7:30 am – 9:20 am	I Group Session #1	EMU, Pray-Harrold 201
9:20 am – 9:35 am	Refreshment Break	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	EMU, Pray-Harrold 201
6:00 pm – 10:00 pm	Block Party	EMU, Pray-H 208 & 4th Fl

THURSDAY, AUGUST 1, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-Harrold 208
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	EMU, The Commons Bldg
12:25 pm – 2:15 pm	I Group Session #1	See Classroom Schedule
2:15 pm – 2:30 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
2:30 pm – 4:15 pm	I Group Session #2	See Classroom Schedule
6:00 pm – 8:00 pm	NTI Graduation Ceremony	Michigan Theater (E Liberty St)

FRIDAY, AUGUST 2, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-Harrold 208
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	EMU, The Commons Bldg
12:25 pm – 1:35 pm	I Group Session #1	See Classroom Schedule
1:35 pm – 1:50 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
1:50 pm – 3:00 pm	I Group Session #2	See Classroom Schedule

Instructor Training Group

SECOND YEAR SCHEDULE

SATURDAY, JULY 27, 2024

8:00 am – 12:00 pm	Coyne First Aid Refresher (T-303)	WCC - TI 137
8:30 am – 5:00 pm	Participant Check-In	EMU - George Gervin GameAbove Center
9:00 am – 5:00 pm	NTI Trade Show	EMU - George Gervin GameAbove Center

SUNDAY, JULY 28, 2024

7:00 am – 7:45 am	Prayer / Worship Service	EMU - George Gervin GameAbove Center (Lower Lvl Aux Gym)
8:30 am – 10:00 am	Participant Check-In and NTI Trade Show	EMU - George Gervin GameAbove Center
10:00 am – 11:50 pm	I Group Session #1	See Classroom Schedule
12:00 pm – 1:00 pm	Lunch	EMU, Student Center (1st Fl)
1:00 pm – 2:50 pm	I Group Session #2	See Classroom Schedule
2:50 pm – 3:10 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
3:10 pm – 5:00 pm	I Group Session #1	See Classroom Schedule
5:30 pm – 7:00 pm	Photo & Opening Ceremony Dining Voucher Distribution	EMU - George Gervin GameAbove Center
Following Opening	Welcome Reception	EMU - George Gervin GameAbove Center

MONDAY, JULY 29, 2024 and TUESDAY, JULY 30, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-H 208
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	EMU, Student Center (1st Fl)
12:25 pm – 2:35 pm	I Group Session #1	See Classroom Schedule
2:35 pm – 2:50 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
2:50 pm – 5:00 pm	I Group Session #2	See Classroom Schedule

Instructor Training Group

SECOND YEAR SCHEDULE

WEDNESDAY, JULY 31, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-Harrold 208
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshment Break	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
6:00 pm – 10:00 pm	Block Party	Main Street, Ann Arbor

THURSDAY, AUGUST 1, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-Harrold 208
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	EMU, Student Center (1st Fl)
12:25 pm – 2:15 pm	I Group Session #1	See Classroom Schedule
2:15 pm – 2:30 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
2:30 pm – 4:15 pm	I Group Session #2	See Classroom Schedule
6:00 pm – 8:00 pm	NTI Graduation Ceremony	Michigan Theater (E Liberty St)

FRIDAY, AUGUST 2, 2024

6:45 am – 7:30 am	Continental Breakfast	EMU, Pray-Harrold 208
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	EMU, Student Center (1st Fl)
12:25 pm – 1:35 pm	I Group Session #1	See Classroom Schedule
1:35 pm – 1:50 pm	Refreshments & Class Change	EMU, Pray-H 208 & 4th Fl
1:50 pm – 3:00 pm	I Group Session #2	See Classroom Schedule

Instructor Training Group

THIRD YEAR SCHEDULE

SATURDAY, JULY 27, 2024

8:00 am – 12:00 pm	Coyne First Aid Refresher (T-303)	WCC - TI 137
8:30 am – 5:00 pm	Participant Check-In	EMU - George Gervin GameAbove Center
9:00 am – 5:00 pm	NTI Trade Show	EMU - George Gervin GameAbove Center

SUNDAY, JULY 28, 2024

7:00 am – 7:45 am	Prayer/Worship Service	EMU - George Gervin GameAbove Center (Lower Lvl Aux Gym)
8:30 am – 10:00 am	Participant Check-In and NTI Trade Show	EMU - George Gervin GameAbove Center
10:00 am – 11:50 pm	I Group Session #1	See Classroom Schedule
12:00 pm – 1:00 pm	Lunch	WCC-Student Center, 1st Fl
1:00 pm – 2:50 pm	I Group Session #2	See Classroom Schedule
2:50 pm – 3:10 pm	Refreshments & Class Change	WCC - Gunder Myran, 1st Fl
3:10 pm – 5:00 pm	I Group Session #1	See Classroom Schedule
5:30 pm – 7:00 pm	Photo & Opening Ceremony Dining Voucher Distribution	EMU - George Gervin GameAbove Center
Following Opening	Welcome Reception	EMU - George Gervin GameAbove Center

MONDAY, JULY 29, 2024 and TUESDAY, JULY 30, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	WCC - Gunder Myran, 1st Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	WCC-Morris Lawrence Atrium
12:25 pm – 2:35 pm	Technical Training Class	See Technical Room Schedule
2:35 pm – 2:50 pm	Refreshment Break	Designated Break Area
2:50 pm – 5:00 pm	Technical Training Class	See Technical Room Schedule

Instructor Training Group

THIRD YEAR SCHEDULE

WEDNESDAY, JULY 31, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	WCC - Gunder Myran, 1st Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
6:00 pm – 10:00 pm	Block Party	Main Street, Ann Arbor

THURSDAY, AUGUST 1, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	WCC - Gunder Myran, 1st Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	WCC-Morris Lawrence Atrium
12:25 pm – 2:15 pm	Technical Training Class	See Technical Room Schedule
2:15 pm – 2:30 pm	Refreshment Break	Designated Break Area
2:30 pm – 4:15 pm	Technical Training Class	See Technical Room Schedule
6:00 pm – 8:00 pm	NTI Graduation Ceremony	Michigan Theater (E Liberty St)

FRIDAY, AUGUST 2, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	WCC - Gunder Myran, 1st Fl
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
11:25 am – 12:25 pm	Lunch	WCC-Morris Lawrence Atrium
12:25 pm – 1:35 pm	Technical Training Class	See Technical Room Schedule
1:35 pm – 1:50 pm	Refreshment Break	Designated Break Area
1:50 pm – 3:00 pm	Technical Training Class	See Technical Room Schedule

Instructor Training Group

FOURTH YEAR SCHEDULE

SATURDAY, JULY 27, 2024

8:00 am – 12:00 pm	Coyne First Aid Refresher (T-303)	WCC - TI 137
8:30 am – 5:00 pm	Participant Check-In	EMU - George Gervin GameAbove Center
9:00 am – 5:00 pm	NTI Trade Show	EMU - George Gervin GameAbove Center

SUNDAY, JULY 28, 2024

7:00 am – 7:45 am	Prayer/Worship Service	EMU - George Gervin GameAbove Center (Lower Lvl Aux Gym)
8:30 am – 10:00 am	Participant Check-In and NTI Trade Show	EMU - George Gervin GameAbove Center
10:00 am – 11:50 pm	I Group Session #1	See Classroom Schedule
12:00 pm – 1:00 pm	Lunch	WCC-Student Center, 1st Fl
1:00 pm – 2:50 pm	I Group Session #2	See Classroom Schedule
2:50 pm – 3:10 pm	Refreshments & Class Change	WCC - Crane Liberal Arts 122
3:10 pm – 5:00 pm	I Group Session #1	See Classroom Schedule
5:30 pm – 7:00 pm	Photo & Opening Ceremony Dining Voucher Distribution	EMU - George Gervin GameAbove Center
Following Opening	Welcome Reception	EMU - George Gervin GameAbove Center

MONDAY, JULY 29, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	Technical Training Class	See Technical Room Schedule
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
9:35 am – 11:25 am	Technical Training Class	See Technical Room Schedule
11:25 am – 12:25 pm	Lunch	WCC-Morris Lawrence Atrium
12:25 pm – 2:00 pm	I Group Session #1	See Classroom Schedule
2:00 pm – 2:15 pm	Refreshments & Class Change	WCC - Crane Liberal Arts 122
2:15 pm – 3:50 pm	I Group Session #2	See Classroom Schedule
4:00 pm – 5:00 pm	NTI GRADUATE MEETING	Crane Liberal Arts (LA) Room 240

Instructor Training Group

FOURTH YEAR SCHEDULE

37

TUESDAY, JULY 30, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	Technical Training Class	See Technical Room Schedule
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
9:35 am – 11:25 am	Technical Training Class	See Technical Room Schedule
11:25 am – 12:25 pm	Lunch	WCC-Morris Lawrence Atrium
12:25 pm – 2:35 pm	I Group Session #1	See Classroom Schedule
2:35 pm – 2:50 pm	Refreshments & Class Change	WCC - Crane Liberal Arts 122
2:50 pm – 5:00 pm	I Group Session #2	See Classroom Schedule

WEDNESDAY, JULY 31, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	I Group Session #1	See Classroom Schedule
9:20 am – 9:35 am	Refreshments & Class Change	WCC - Crane Liberal Arts 122
9:35 am – 11:25 am	I Group Session #2	See Classroom Schedule
6:00 pm – 10:00 pm	Block Party	Main Street, Ann Arbor

THURSDAY, AUGUST 1, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	Technical Training Class	See Technical Room Schedule
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
9:35 am – 11:25 am	Technical Training Class	See Technical Room Schedule
11:25 am – 12:25 pm	Lunch	WCC-Morris Lawrence Atrium
12:25 pm – 1:50 pm	I Group Session #1	See Classroom Schedule
1:50 pm – 2:05 pm	Refreshments & Class Change	WCC - Crane Liberal Arts 122
2:05 pm – 3:30 pm	I Group Session #2	See Classroom Schedule
4:45 pm	Graduates Arrive at MI Theater	Michigan Theater (E Liberty St)
6:00 pm – 8:00 pm	NTI Graduation Ceremony	Michigan Theater (E Liberty St)

FRIDAY, AUGUST 2, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC-Morris Lawrence Atrium
7:30 am – 9:20 am	Technical Training Class	See Technical Room Schedule
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
9:35 am – 11:25 am	Technical Training Class	See Technical Room Schedule
11:25 am – 12:25 pm	Lunch	WCC-Morris Lawrence Atrium
12:25 pm – 1:35 pm	I Group Session #1	See Classroom Schedule
1:35 pm – 1:50 pm	Refreshments & Class Change	WCC - Crane Liberal Arts 122
1:50 pm – 3:00 pm	I Group Session #2	See Classroom Schedule

Instructor Training Group

ADVANCED STUDIES SCHEDULE

SATURDAY, JULY 27, 2024

8:00 am – 12:00 pm	Coyne First Aid Refresher (T-303)	WCC - TI 137
8:30 am – 5:00 pm	Participant Check-In	EMU - George Gervin Game-Above Center
9:00 am – 5:00 pm	NTI Trade Show	EMU - George Gervin Game-Above Center

SUNDAY, JULY 28, 2024

7:15 am – 7:45 am	Prayer/Worship Service	EMU - George Gervin GameAbove Center (Lower Lvl Aux Gym)
8:00 am – 12:00 pm	Coyne First Aid Refresher (T-303)	WCC - TI 137
8:30 am – 12:00 pm	Participant Check-In and NTI Trade Show	EMU - George Gervin Game-Above Center
9:00 am – 10:00 am	Course 80 (Meet with Dr. Schmidt)	EMU - Pray-Harrold 405
10:00 am – 12:00 pm	Course 71 Course 80 (Course 75 does NOT meet)	WCC - Crane Liberal Arts 131 EMU - Various Locations
12:00 pm – 1:00 pm	Lunch	WCC-Student Center, 1st Fl EMU - The Commons
1:00 pm – 5:00 pm	Course 65 Course 80 (Course 75 does NOT meet)	WCC - Crane Liberal Arts 131 EMU - Various Locations
2:50 pm – 3:10 pm	Refreshment Break	Designated Break Area
5:30 pm – 7:00 pm	Photo & Opening Ceremony Dining Voucher Distribution	EMU - George Gervin Game-Above Center
Following Opening	Welcome Reception	EMU - George Gervin Game-Above Center

MONDAY, JULY 29, 2024 and TUESDAY, JULY 30, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC - Morris Lawrence Atrium EMU - Pray-Harrold 208
7:30 am – 11:25 am	Course 65 Course 75 Course 80	WCC - Crane Liberal Arts 131 WCC - Gunder Myran 309 EMU/WCC - Various Locations
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
11:25 am – 12:25 pm	Lunch	WCC - Morris Lawrence Atrium EMU - The Commons
12:25 pm – 5:00 pm	Technical Class (Course 65 and 75)	See Technical Room Schedule
12:25 pm – 5:00 pm	Course 71 Course 80	WCC - Crane Liberal Arts 131 EMU - Pray-Harrold 405
2:35 pm – 2:50 pm	Refreshment Break	Designated Break Area

Instructor Training Group

ADVANCED STUDIES SCHEDULE

WEDNESDAY, JULY 31, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC: Morris Lawrence Atrium EMU: Pray-H 208 & Porter 201
7:30 am – 11:25 am	Course 65 Course 75 Course 80 (Course 71 does NOT meet)	WCC - Crane Liberal Arts 131 WCC - Gunder Myran 309 EMU/WCC - Various Locations
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
6:00 pm – 10:00 pm	Block Party	Main Street, Ann Arbor

THURSDAY, AUGUST 1, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC: Morris Lawrence Atrium EMU: Pray-H 208 & Porter 201
7:30 am – 11:25 am	Technical Class (Course 71)	See Technical Room Schedule
7:30 am – 11:25 am	Course 65 Course 75 Course 80	WCC - Crane Liberal Arts 131 WCC - Gunder Myran 309 EMU/WCC - Various Locations
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
11:25 am – 12:25 pm	Lunch	WCC: Morris Lawrence Atrium EMU: The Commons
12:25 pm – 4:15 pm	Technical Class (Course 65 and 75)	See Technical Room Schedule
12:25 pm – 3:30 pm	Course 71 Course 80	WCC - Crane Liberal Arts 131 EMU - Pray-Harold 405
2:15 pm – 2:30 pm	Refreshment Break	Designated Break Area
6:00 pm – 8:00 pm	NTI Graduation Ceremony (Course 80 Grads Arrive at 4:45)	Michigan Theater (E Liberty St)

FRIDAY, AUGUST 2, 2024

6:45 am – 7:30 am	Continental Breakfast	WCC: Morris Lawrence Atrium EMU: Pray-H 208 & Porter 201
7:30 am – 11:25 am	Technical Class (Course 71)	See Technical Room Schedule
7:30 am – 11:25 am	Course 65 Course 75 Course 80	WCC - Crane Liberal Arts 131 WCC - Gunder Myran 309 EMU/WCC - Various Locations
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
11:25 am – 12:25 pm	Lunch	WCC: Morris Lawrence Atrium EMU: The Commons
12:25 pm – 3:00 pm	Technical Class (Course 65 and 75)	See Technical Room Schedule
12:25 pm – 3:00 pm	Course 71 Course 80	WCC - Crane Liberal Arts 131 EMU - Pray-Harold 405
1:35 pm – 1:50 pm	Refreshment Break	Designated Break Area

Office Manager / Administrative Staff

OM GROUP AGENDA

SUNDAY, JULY 28, 2024

OM Participants are invited to attend Sunday events (including lunch and Opening/Welcome) if their travel schedule allows.

7:00 – 7:45 AM	Prayer/Worship Service – Eastern Michigan Univ., George Gervin GameAboveCenter (G3), Auxiliary Gym
8:00 AM – Noon	Registration – Eastern Michigan Univ. G3
8:30 AM – Noon	Trade Show – Eastern Michigan Univ. G3
11:30 AM – 1:00 PM	Lunch – Eastern Michigan Univ. – Student Center, 2nd Floor
1:00 PM – 4:30 PM	Late Registration – Eastern Michigan Univ. – Student Center, 2nd Floor
1:00 – 2:45 PM	C/SC Group Opening Session– Eastern Michigan Univ. – Student Center Ballroom, 2nd Floor
	Welcome and Opening Remarks – Todd Stafford
	State of the Industry – Todd Stafford
2:45 – 3:00 PM	Refreshment Break
3:00 – 5:00 PM	C/SC Group Opening – Eastern Michigan Univ. – Student Center Ballroom, 2nd Floor
	Mental Health Awareness in Our Industry – Facilitated by Cindy Sanderfur
	The statistics are sobering: *Construction workers have one of the highest rates of suicide across all industries; *The construction industry has historically struggled with issues related to substance abuse, including alcohol and drug misuse; *The nature of construction work can contribute to stress among workers; *Studies have shown that construction workers experience higher rates of depression and anxiety. These statistics emphasize the urgency of addressing mental health within the construction industry and implementing measures to support well-being, including promoting a culture of openness and support. Join our panel as we explore actionable strategies for making meaningful improvements.
	Empowering Apprenticeship: Key Tools, Resources and Latest Updates - Greg Greiner
	The <i>electrical training ALLIANCE</i> is dedicated to developing and providing essential tools and solutions for AJATC/JATCs, local unions, and contractors, with a focus on comprehensive training support. Recognizing that effective training extends beyond the immediate instruction, our approach encompasses selecting the right candidates, teaching pertinent skills, and timing the training optimally-all tailored to enhance local union growth, retention, and opportunities. This presentation will highlight where to find and obtain these resources to support your efforts.
5:30 PM	Group Photograph – Eastern Michigan Univ. G3
5:45 PM	Opening of the 2024 National Training Institute – Eastern Michigan Univ. G3
	Dining for Dollars Voucher Program: Any participant (and family member) attending opening session will receive a voucher worth \$25.00 for use at any participating local restaurant Monday through Thursday evening during NTI. You must be in attendance and seated in the arena to receive the voucher. Participating restaurants are listed on the App or on the website's Event Guide.
Immediately Following:	Welcome Reception – EMU, G3, South Parking Lot (Tent) Reception is a relaxed, informal atmosphere.

MONDAY, JULY 29, 2024

WCC – Morris Lawrence Building (ML), Room 150

7:30 – 8:45 AM	Finding and Keeping the Best Employees - L. Joe (Joey) Shorter, Ph.D.
	In this session, we discuss strategies and tools necessary to attract, identify, and retain top talent in today's competitive job market. We will explore best practices for sourcing candidates and conducting interviews, touching on the topic of evaluating candidates to ensure the right fit for them and the

Office Manager / Administrative Staff

OM GROUP AGENDA

MONDAY, JULY 29, 2024

	organization. Participants will also look at fostering a positive workplace culture to maximize employee retention. Our goal is to help develop skills needed to build and sustain a high-performing team.
8:45 – 9:00 AM	Refreshment Break
9:00 – 10:15 AM	Insurance 101 – Nick Giovenco
	Education on insurance for AJATC/JATCs.
10:15 – 10:30 AM	Classroom Change / Break
10:30 – 11:45 AM	Lines of Separation between the JATC/AJATC and the Union – Lucas Aubrey
With C Group – ML Towsley Auditorium	In this session, we will discuss (1) the legal need for separation between the AJATC/JATC and the local union; (2) problems with AJATC/JATC involvement in matters of the apprentices' union membership and dues payment; and (3) best practices to promote confidentiality, including tips for taking, maintaining, and distributing committee meeting minutes.
11:45 AM–12:45 PM	Lunch – WCC, Morris Lawrence Building (ML), Atrium
	WCC, ML, Room 150
12:45 – 2:00 PM	Navigating Apprenticeship Administration: Best Practices and Strategies – Tina Williams
	Apprenticeship best practices and processes for administrative staff.
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:30 PM	Maximizing Productivity in the TMS/LMS for Office Managers – Jim Stover
	The presentation targets efficiency using the PTSI TMS and LMS. We start in the CLCS/Bookstore, and continue through rostering, enrollment, testing, and grade management, all from the Office Manager viewpoint.
3:30 – 3:45 PM	Break
3:45 – 5:00 PM	Fly Differently: Adapting our Communications – Cindy Sanderfur
	"Stacey's father turned to her and in a calm, reassuring tone said, 'Honey, the engine has quit. I'm going to need to fly the plane differently.'" – QBQ Life is always moving and shifting! Circumstances and conditions change rapidly; what works perfectly one day may not be as effective the next. It's not that we don't know how to communicate; sometimes, we may just need to communicate differently.

TUESDAY, JULY 30, 2024

WCC – ML, Room 150

7:30 – 8:45 AM	Active Shooter/Threat – Chief Carl Schinner
	This session will provide a history of active shooters in America. We will also discuss ways for businesses and individuals to protect themselves should a threat occur in the workplace.
8:45 – 9:00 AM	Refreshment Break
9:00 – 10:15 AM	Curriculum Development Process – Paul Morris
	This session will review the process involved in developing the curriculum used in the training programs. It will also touch on the use of e-books and other resources.
10:15 – 10:30 AM	Break
10:30 – 11:45 AM	Roundtable with etA Staff – Steve Strickland, Wendy Windsor, and Todd Stafford
	This session will allow attendees to ask questions as well as any suggestions to improve this group.
11:45 AM – 12:45 PM	Lunch – WCC, ML, Atrium

Outside Industry Group

O GROUP AGENDA

SATURDAY, JULY 27, 2024

8:30 AM – 5:00 PM **Registration** – Eastern Michigan Univ. George Gervin GameAbove Center (formerly the Convocation Center) 799 N Hewitt Road, Ypsilanti, MI 48197

9:00 AM – 5:00 PM **Trade Show** – Eastern Michigan Univ. George Gervin GameAbove Center (G3)

NOTE: There will be no buses. Please consider driving, there is plenty of parking.

SUNDAY, JULY 28, 2024

7:00 – 7:45 AM **Prayer/Worship Service** – Eastern Michigan Univ.-G3, Auxiliary Gym

8:00 AM – Noon **Registration** – Eastern Michigan Univ. G3

8:30 AM - Noon **Trade Show** – Eastern Michigan Univ. G3

11:30 AM – 1:00 PM **Lunch** – Eastern Michigan Univ. – Student Center, 2nd Floor

1:00 PM – 5:00 PM **Late Registration** – Eastern Michigan Univ. – Student Center, 2nd Floor

1:00 – 2:45 PM **O, C/SC Group Opening Session**– Eastern Michigan Univ. – Student Center Ballroom, 2nd Floor

Welcome and Opening Remarks – Todd Stafford

State of the Industry – Todd Stafford

2:45 – 3:00 PM **Refreshment Break**

3:00 – 5:00 PM **O, C/SC Group Opening** – Eastern Michigan Univ. – Student Center Ballroom, 2nd Floor

Mental Health Awareness in Our Industry – Facilitated by Cindy Sanderfur

The statistics are sobering: *Construction workers have one of the highest rates of suicide across all industries; *The construction industry has historically struggled with issues related to substance abuse, including alcohol and drug misuse; *The nature of construction work can contribute to stress among workers; *Studies have shown that construction workers experience higher rates of depression and anxiety. These statistics emphasize the urgency of addressing mental health within the construction industry and implementing measures to support well-being, including promoting a culture of openness and support. Join our panel as we explore actionable strategies for making meaningful improvements.

Empowering Apprenticeship: Key Tools, Resources and Latest Updates - Greg Greiner

The *electrical training ALLIANCE* is dedicated to developing and providing essential tools and solutions for AJATC/JATCs, local unions, and contractors, with a focus on comprehensive training support. Recognizing that effective training extends beyond the immediate instruction, our approach encompasses selecting the right candidates, teaching pertinent skills, and timing the training optimally—all tailored to enhance local union growth, retention, and opportunities. This presentation will highlight where to find and obtain these resources to support your efforts.

5:30 PM **Group Photograph** – Eastern Michigan Univ. G3

5:45 PM **Opening of the 2024 National Training Institute** – Eastern Michigan Univ. G3

Dining for Dollars Voucher Program: Any participant (and family member) attending the Opening will receive a voucher worth \$25.00 for use at any participating local restaurant Monday through Thursday evening during NTI. You must be in attendance and seated in the arena to receive the voucher. Participating restaurants are listed on the App or on the website's Event Guide.

Outside Industry Group O GROUP AGENDA

SUNDAY, JULY 28, 2024

Immediately Following:	Welcome Reception – EMU, G3, South Parking Lot (Tent) Reception is a relaxed, informal atmosphere.
-------------------------------	--

MONDAY, JULY 29, 2024

GENERAL SESSIONS – Washtenaw Community College (WCC), Morris Lawrence Building (ML), Room 160	
7:30 – 8:30 AM	CM Labs Updates – Gwen Pridmore
8:30 – 8:45 AM	Southwire Updates – Joe Fawcett
8:45 – 9:00 AM	Refreshment Break
9:00 – 9:15 AM	Buckingham Manufacturing Updates – Chris Delavera
9:15 – 9:45 AM	Penta Updates – Vladimir Ostrovsky
9:45 – 10:15 AM	ATP Updates – Scott Bloom
10:15 – 10:30 AM	Break
10:30 – 11:05 AM	Tyndale Updates – Scott Margolin
11:05 – 11:45 AM	3D Internet Updates – Brian Doubinin
11:45 AM – 12:45 PM	Lunch – WCC, ML, Atrium
12:45 – 2:00 PM	BREAKOUT SESSIONS – Washtenaw Community College (WCC) Crane Liberal Arts Building (LA), Student Center (SC) and Morris Lawrence (ML) Building
ML Towsley Aud.	Session 1: Scholarship Loan Agreements – Lucas Aubrey Scholarship Loan Agreements (SLAs) are commonly used to promote the retention of apprentices in the unionized construction industry throughout the term of training and beyond. Under the ALLIANCE's Model SLA, the JATC/AJATC advances the cost of training to the apprentice, and the apprentice agrees to repay those costs, either in cash or in-kind by working a specified number of years after graduation for contributing employers. We will discuss the current legal status of SLAs, the ALLIANCE's Model SLA, and SLA alternatives.
SC 132 - Garretts	Session 2: Crane, Aerial Lifts & Cable Splicing Certification Updates – Virgil Melton and Brad Dozier This session will update participants on the crane curriculum, aerial lift training, cable splicing modules, and certification.
LA Room 140	Session 3: Stress Less, Achieve More: Balancing Career and Well-being – Dr. Charles Sanderfur Over the last year, 74% of individuals have reported feeling stress to the extent that they felt overwhelmed and unable to manage it. This kind of stress significantly raises the risk of illness and depression and increases suicide rates. Careers are supposed to improve our personal and family health, not compromise them. Imagine managing your career while embracing self-care and well-being. You can equip yourself with simple, motivational tools that reduce anxiety and enhance well-being. You have the ability to transform your life and make your health a priority!
LA Room 340	Session 4: Grant Readiness with the electrical training ALLIANCE (etA) and AM Crawford – Rebecca Dettorre and Michael Barcelone See prior description.
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:30 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: Selection Procedures – Robert L. Duston This session will discuss the Selection Procedures and the alternatives available.
LA Room 140	Session 2: Insurance 101 – Nick Giovenco Education on insurance for AJATC/JATCs.
LA Room 240	Session 3: Regulatory Updates – Jim Cole

Outside Industry Group

O GROUP AGENDA

MONDAY, JULY 29, 2024

	This session will explore the final apprenticeship utilization regulations for the Inflation Reduction Act. The final 29 CFR 29 regulations are expected to be released prior to NTI and will be discussed as well.
LA Room 340	Session 4: Impacts of AI on Electrical Construction Industry – Josh Bone
	In this engaging presentation, we will delve into the exciting realm of artificial intelligence (AI) and its potential impacts on the electrical construction industry. The presentation will cut through the complexities of AI and focus on the practical aspects that matter most to electricians and contractors. We will explore how AI technologies can streamline project management, enhance everyday workflows, and revolutionize safety practices. Expect a straightforward and informative discussion that provides you with actionable insights. We will share real-world examples and expert opinions to help you grasp the tangible benefits of incorporating AI into any electrical contracting business. By the end of this presentation, you will have a clear understanding of how AI can be harnessed to drive efficiency, reduce costs, and elevate the quality of electrical contracting projects.
SC 132 - Garretts	Session 5: Exciting Changes for VEEP – Greg McMurphy and Jason Iannelli
	As we expand the Veterans Electrical Entry Program (VEEP), it's crucial to recognize the immense value that VEEP graduates bring to our industry. Committee members play a pivotal role in shaping the future workforce, and their acceptance of VEEP participants directly impacts the success of our electrical programs. New locations have been opened up in the past year and more are in the pipeline. Jason and Greg will provide updates on the expansion and the processes that we follow when working with Training Directors in securing agreements for our applicants. Committees have the opportunity to invest in the future of our industry. By accepting VEEP graduates, they contribute to a sustainable workforce pipeline. These veterans, armed with both technical skills and a strong work ethic, will drive progress, and ensure the continued success of our electrical programs.
3:30 – 3:45 PM	Classroom Change
3:45 – 5:00 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: Discipline and Termination of Apprentices – Robert L. Duston
	This session will cover the discipline and termination of apprentices
LA Room 140	Session 2: Grant Fundraising for JATCs/AJATCs & National Initiatives – Andrea Crawford and Valerie Mojeiko
	See prior description.
LA Room 340	Session 3: Fact Check: Where Have All of the Workers Gone? – L. Joe (Joey) Shorter, Ph.D.
	Attendees will explore factors contributing to labor shortages in various industries and regions. We will gain insight into the complex interplay of economic, social, and demographic factors shaping the labor market (i.e., technological advancements, demographic shifts, immigration policies, changing workforce preferences, birth/death rates, and global economic trends). Learn to understand, anticipate, and address labor shortages in diverse contexts.
SC 132 - Garretts	Session 5: EVITP 5.0 Launch & Energy Storage (ESAMTAC) Evolution – Bernie Kotlier and Jennifer Mefford
	EVITP 5.0 launched recently. Review curriculum updates and enhancements with National Co-chairs Bernie Kotlier and Jennifer Mefford. The Energy Storage market is growing, and so is the need for ESAMTAC Training and Certification. Learn about industry interest in ESAMTAC and how you can implement ESAMTAC in your market.
5:00 – 6:30 PM	Training Director/Assistant Training Director Reception – ML, Towsley Auditorium Atrium
TUESDAY, JULY 30, 2024	
GENERAL SESSION	
With C Group	ML Towsley Auditorium

Outside Industry Group

O GROUP AGENDA

TUESDAY, JULY 30, 2024

7:30 – 8:45 AM	New Boilerplate Standards – Robert L. Duston
	This session will review the new Boilerplate Standards required by the U.S. Department of Labor and approved by the <i>electrical training ALLIANCE</i> trustees.
8:45 – 9:00 AM	Refreshment Break
	GENERAL SESSION – WCC, ML, Room 160
9:00 – 9:30 AM	Milwaukee Updates – Michale Dumoit
9:30 – 10:15 AM	NECA Safety Update – Mike Starner
10:15 – 10:30 AM	Break
10:30 – 11:15 AM	Technology Option for Line Contractors – Quickbase - Rob Zellweger
	Quickbase is a fully customized solution that can efficiently monitor projects data, providing instant access to customizable dashboards, in-depth project data analysis, and immediate retrieval of associated documentation and photos. Quickbase also has proven to track a wide array of safety performance, project metrics, including master units, equipment, work order scheduling, project permits, employee roster, monthly KPIs, and much more.
11:15 – 11:45 AM	IPSI - Traffic Signal and other Updates – Jeff Knight
11:45 AM – 12:45 PM	Lunch – WCC, ML, Atrium
12:45 – 2:00 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML Towsley Aud.	Session 1: ERISA 201 – James V. Cole II
	This session will cover in more detail the ERISA regulations.
SC 132 - Garretts	Session 2: Helmets to Hardhats – Martin Helms
	See prior description.
LA Room 140	Session 3: Apprenticeship: The “New” Career Choice – L. Joe (Joey) Shorter, Ph.D.
	We will explore the fundamental principles and practical applications of apprenticeship programs, offering insight into how they provide a bridge between education and employment in various industries. Attendees will examine the evolving role of apprenticeship in today's job market. Come, join us in uncovering the benefits that apprenticeships offer individuals, employers, and society as a whole, through workforce development, skill acquisition, and economic growth.
LA Room 340	Session 4: Funny Business – Cindy Sanderfur
	We spend a staggering amount of time at work - an average of 93,600 hours over a lifetime, and for many, that figure only continues to grow. With such a substantial investment of our time and energy, it's inevitable that we encounter a range of experiences, from exhilarating heights to the challenging lows, all of which impact us and those we work with. Knowing this only emphasizes the importance of our communication and interaction and the need to create a more enjoyable, productive, and harmonious workplace environment. Being intentional and committed to fostering positive relationships can help us uncover the power of humor and authenticity in shaping our interactions.
ML Room 150	Session 5: Computer-Mediated Learning (CML) Implementation – Lessons Learned and Recommendations from the Field - Jon Gosse
	CML courses provide new opportunities for training flexibility and hands-on training. The transition process to CML affects Apprentices, Instructors, Training Directors, and training programs as a whole. This presentation addresses a study conducted by the Core/CML Committee and focuses on training programs that have recently implemented CML courses. Training Directors were interviewed and share what they have learned in the implementation process, and offer helpful insights on what best practices they recommend for program success.
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:30 PM	BREAKOUT SESSIONS – WCC, LA, SC, and ML
ML, Towsley Aud.	Session 1: Nuts and Bolts of AJATC/JATC Governing Documents – Lucas Aubrey

Outside Industry Group O GROUP AGENDA

TUESDAY, JULY 30, 2024

	This session will discuss the importance of understanding AJATC/JATC governing documents including (1) the apprenticeship provisions in the collective bargaining agreement and Areawide Training Agreements; (2) the trust agreement; (3) the Standards; and (4) the program's policies and procedures. The session will highlight problems that can occur when a program does not follow its governing documents, and it will include recommendations for avoiding these problems.
LA Room 140	Session 2: Curriculum Planning and Support Using the CLCS – Nate Eaton
	This presentation will cover in detail the design of the Course Level and Credit Summary (CLCS) tool and how to support creating custom resources for your program, instructors, and students. All aspects of the CLCS will be explained including how to build, duplicate, save, recall, and export curriculum plans. Also to be covered is how to create unique one-off or other resources for staff or entities that need awareness of the curriculum being used to train your apprentices and membership.
LA Room 240	Session 3: What the Hell is Artificial Intelligence and Why Should I Care About It? – Mike deSimon
	The presentation will focus on the rapid rise of AI, a brief history and understanding of what AI is and how this technology is impacting our daily lives today, and what does tomorrow's AI look like. It will also focus on how IBEW/NECA training related organizations can leverage it in our organizations to gain efficiencies and a competitive edge. It will also discuss the future states that we are looking at for AI integration into the Online Learning System. This presentation will be a dynamic demo of practical usage of these types of tools in various ways.
LA Room 340	Session 4: Training Director Retention Study: Findings and Insights – Gee Rege
	The <i>etA</i> supports approximately 275 IW training programs, which collectively train an estimated 40,000 active IW apprentices. Training Director turnover leads to a lack of stability within a training program, which can be detrimental to the success of the IW apprentices. To address this issue, <i>etA</i> partnered with American Institutes for Research (AIR) to identify and understand the factors that influence a Training Director's decision to stay in or leave their employment at Inside Wireman training programs. During this presentation, AIR's project director, Gee Rege will present an overview of the study approach, along with the study's findings and insights.
SC 132 - Garretts	Session 5: Best Practices for TMS – Jim Stover and William Orick
	The presentation focuses on assisting Training Directors in the efficient use of the PTSI TMS. Topics include the CLCS, Bookstore, rostering, enrolling, tokens vs. subscriptions, and access tiers. The new Test Platform will be touched on but will be covered in depth in another session.
3:30 – 3:45 PM	Classroom Change
3:45 – 5:00 PM	GENERAL SESSION – Washtenaw Community College (WCC), Morris Lawrence Building (ML) Towsley Auditorium
	NEBF, NEAP, and FMCP – Darrin Golden
	Overview of the National Electrical Benefit Fund (NEBF), National Electrical Annuity Plan (NEAP), and the NECA/IBEW Family Medical Care Plan (FMCP).
6:00 – 9:00 PM	Training Partner Evening Presentations – WCC, Various Locations

WEDNESDAY, JULY 31, 2024

7:30 AM SHARP!	NTI's Annual A.J. Pearson Charity Golf Event – Stonebridge Golf Club (Proceeds to Tunnel to Towers Foundation) https://electricaltrainingevents.org/event/640/info
1:30 PM	NTI's Annual A.J. Pearson Charity Golf Event – Stonebridge Golf Club – PM (Proceeds to Tunnel to Towers Foundation) https://electricaltrainingevents.org/event/640/info
2:00 PM Start	Sporting Clay Shoot – Island Lake Shooting Range (12:30-1:30 pm Registration/Lunch) https://electricaltrainingevents.org/event/641/info

Outside Industry Group O GROUP AGENDA

WEDNESDAY, JULY 31, 2024

6:00 – 10:00 PM *Destination Ann Arbor invites you to Main Street for a Block Party Celebrating the 2024 NTI*

THURSDAY, AUGUST 1, 2024

GENERAL SESSION – WCC – ML, Room 160

7:30 – 8:45 AM **TEMPO Update** – Oleg Fishel

8:45 – 9:05 AM **Refreshment Break**

9:05 – 10:20 AM **Foreman / Journeyman Lineman Training** - Travis Odle

Former 7th District IVP Jonathan Gardner tasked his staff with creating a Foreman Training for the Inside Construction branch of the IBEW. In 2018, Mark Cunningham, Business Manager of IBEW 769, set out to create a similar training for the Outside Construction branch. Since then, IBEW 769 and SWLCAT have taught many classes to existing Foreman, soon-to-be-foreman, and as general Journeyman education. The training focuses on the why behind becoming a foreman, how to communicate effectively, run a safe job site, and touches on costs associated with running a job.

10:20 – 10:40 AM **Break**

10:40 – 11:55 AM **Fly Differently: Adapting our Communication** – Cindy Sanderfur

"Stacey's father turned to her and in a calm, reassuring tone said, 'Honey, the engine has quit. I'm going to need to fly the plane differently.'" – QBQ

Life is always moving and shifting! Circumstances and conditions change rapidly; what works perfectly one day may not be as effective the next. It's not that we don't know how to communicate; sometimes, we may just need to communicate differently.

11:55 AM – 1:15 PM **Lunch – WCC, ML, Atrium**

1:15 – 2:30 PM **BREAKOUT SESSIONS – WCC, LA, SC, ML**

ML Towsley Aud. **Session 1: Budgeting and Accounting Basics** – Mark Cerulla

An overview of the accounting fundamentals for a non-profit, including the basics of reading financial statements and preparing a budget. Also discussed are some important accounting policies and procedures that are important for non-profits.

LA Room 140 **Session 2: PTSI Learning Management System Updates** - Steve Harper

This presentation will cover all of the important new aspects and common questions around the PTSI Learning Management System. Details shared will explain why things are being built the way they are, how that can impact your delivery, and where to find the helpful resources that staff of the apprenticeship programs will find the most support.

LA Room 240 **Session 3: A Committee (JATC) Review of Standards and the Selection Process – Your Role** – Steve Anderson, Virgil Melton, and Pam Schinner

This session will review standards and the role and responsibilities of the Committee as well as their role in the selection process.

LA Room 340 **Session 4: Practical AI in Construction** – Jared Christman

See previous description.

2:30 – 2:50 PM **Refreshment Break**

2:50 – 4:05 PM **BREAKOUT SESSIONS – WCC, LA, SC, ML**

ML, Towsley Aud. **Session 1: Artificial Intelligence and Human Augmentation in Our World of Construction** – L. Joe (Joey) Shorter, Ph.D.

We will delve into the transformative potential of AI technologies in enhancing human capabilities, productivity, and safety in the world of construction (and beyond). Attendees will consider the integration of AI-driven tools, wearable devices, and advanced analytics that are optimizing workflow efficiency, mitigating risk, and empowering workers on the jobsite. See how AI and human augmentation are driving innovation and success in the rapidly evolving landscape of modern construction.

SC 132 - Garretts **Session 2: Computer-Mediated Learning (CML) – It's In the Approach (The Basics and Then Some)** – Marcus Burleson

Outside Industry Group

O GROUP AGENDA

THURSDAY, AUGUST 1, 2024

	CML is a course construct and to use it the best, knowing why and how are key. This presentation will share some important aspects relative to how the courses are structured, what to expect from a CML course, how to navigate the reporting system to find answers to your questions, and some best practices for implementing CML to get the value out of the design. Also to be covered is a status on where the labs are and the order of rollout.
LA Room 140	Session 3: Expanding Apprenticeship to Meet Today's Emerging Market Sectors – Jon Rosenberger & John Bzdawka
	See prior description.
LA Room 340	Session 4: Apprenticeship and Certification Testing Platform Update 2024 – Jim Stover
	A deep dive into the new Test Platform, covering setup, administration, and reporting for both certification and apprenticeship applications.
4:05 – 5:45 PM	Prepare to attend the Graduation Ceremonies and Properly Honor This Year's Graduating Class. All Industry Officers and Leaders Will Be In Attendance.
6:00 PM	Graduation Ceremonies – <i>Michigan Theater (Liberty Street)</i>

FRIDAY, AUGUST 2, 2024

With C Group	GENERAL SESSIONS – WCC, ML Towsley Auditorium
7:30 – 8:45 AM	Program Spotlight Awards – Greg Greiner, Facilitator
	This session will review all of the entries in this award program.
8:45 – 9:05 AM	Refreshment Break
9:05 – 10:20 AM	The TMS and LMS: The Easy Button for Admins – Jim Stover and Paul Costello
	This presentation will provide simple take home best practices for getting any person new or experienced up to speed with the necessary tools for using the etA and PTSI systems for delivering and monitoring training.
10:20 – 10:40 AM	Break
10:40 – 11:55 AM	electrical training ALLIANCE Staff Roundtable – Greg Greiner, Facilitator
11:55 AM – 1:00 PM	Lunch – WCC, ML, Atrium
1:00 – 2:15 PM	Roundtable with electrical training ALLIANCE Executive Director – Todd Stafford
2:15 – 2:30 PM	Refreshment Break
2:30 – 3:00 PM	C/SC/O Group Wrap-Up – Todd Stafford

Outstanding Apprentice Graduate

OA GROUP AGENDA

SATURDAY, JULY 27, 2024

8:30 am – 5:00 pm	Registration – George Gervin GameAbove Center (G3) at Eastern Michigan University
9:00 am – 5:00 pm	Trade Show – George Gervin GameAbove Center (G3) at Eastern Michigan University

SUNDAY, JULY 28, 2024

7:00 am – 7:45 am	Prayer/Worship Service – Auxiliary Gym of the G3 Center lower level
8:30 am – 9:00 am	OA Group to gather at Trade Show – G3 Center, Auxiliary Gym lower level
9:00 am – 11:30 am	Demonstration on Trade Show Floor with Platinum Training Partners
12:00 pm – 1:00 pm	OA Graduate Lunch – G3 Center, Auxiliary Gym lower level
1:00 pm – 2:00 pm	OA Graduate Gift Presentation – G3 Center, Auxiliary Gym lower level <i>Representatives from Fluke Corporation, Klein Tools, and Milwaukee Tool Corporation will address the class for their achievement</i>
2:00 pm – 2:30 pm	OA Graduate Meeting – G3 Center, Auxiliary Gym lower level Orientation, Introductions and Week Review with your instructors
4:45 pm	OA Group Photograph – G3 Center, Eastern Michigan University
5:30 pm	Group Photograph – G3 Center, Eastern Michigan University
5:45 pm	Opening of the 2024 National Training Institute – G3 Center, Eastern Michigan University
6:30 pm	OA Group Recognition – G3 Center, Eastern Michigan University
Immediately Following	Welcome Reception – G3 Center, South Parking Lot D <i>The reception will be a relaxed informal atmosphere</i>

Powered By **Milwaukee**

Outstanding Apprentice Graduate

OA GROUP AGENDA

MONDAY, JULY 29, 2024

	Eastern Michigan University (EMU), Pray-Harold Building (PH)
6:45 am	Continental Breakfast – PH 1 st floor
7:30 am – 11:25 am	NECA/IBEW Structure & Foremanship Training – PH Room 201
9:20 am – 9:35 am	Refreshment Break – PH 1 st floor
11:10 am – 11:25 am	ACE College Credit – <i>Audra Kellams</i>
11:25 am – 12:25pm	Lunch – The Commons at EMU
12:45 pm – 4:45 pm	Team Building Challenge – Bowen Field House - powered by <i>Milwaukee Tool</i>
2:45 pm – 3:00 pm	Refreshment Break – Bowen Field House
6:00 pm	Dinner with Milwaukee – <i>Palio's Roof Top, 341 Main Street</i> <i>Sponsored by Milwaukee Tool</i>

TUESDAY, JULY 30, 2024

	Eastern Michigan University (EMU), Pray-Harold Building (PH)
6:45 am – 7:30 am	Continental Breakfast – PH 1 st floor
7:30 am – 10:50 am	Leadership Development Program – <i>Marty Riesberg</i> , PH Room 201
9:20 am – 9:35 am	Refreshment Break - PH 1 st floor
10:55 am – 11:25 am	Distribution 101 – <i>Tony Frantel</i> , PH Room 201
11:25 am – 12:25 pm	Lunch - The Commons at EMU
12:25 pm – 5:00 pm	Foremanship Training – PH Room 201
2:30 pm – 2:45 pm	Refreshment Break - PH 1 st floor
6:00 pm – 9:00 pm	Technical Evening Presentations - WCC in OE Buildings



Your Partner in Learning



Outstanding Apprentice Graduate OA GROUP AGENDA

WEDNESDAY, JULY 31, 2024

	TECHNICAL TRAINING DAY – WCC in OE/GL Buildings
6:45 am – 7:30 am	Continental Breakfast – WCC Morris Lawrence Building
7:30 am – 8:45 am	Hands-on Training Session - WCC in OE/GL Buildings
8:45 am – 8:55 am	Refreshment Break - WCC OE 100 lobby
8:55 am – 10:10 am	Hands-on Training Session - WCC in OE/GL Buildings
10:10 am – 10:20 am	Refreshment Break - WCC OE 100 lobby
10:20 am – 11:30 am	Hands-on Training Session - WCC in OE/GL Buildings
1:00 pm – 5:00 pm	USA Sporting Clay Shoot – <i>Island Lakes, Brighton, MI</i>
1:30 pm	The A.J. Pearson Charity Golf Event <i>Stonebridge Golf Course, Ann Arbor</i>
6:00 pm – 10:00 pm	DESTINATION ANN ARBOR invites you to Main Street for a Block Party Celebrating the 2024 NTI









Outstanding Apprentice Graduate

OA GROUP AGENDA

THURSDAY, AUGUST 1, 2024

	Eastern Michigan University (EMU), Pray-Harrold Building (PH)
7:00 am – 7:45 am	Breakfast with NLMCC – EMU Student Center, Ballroom 2nd floor
8:00 am – 10:00 am	Estimating Exercise – PH Room 201
10:15 am – 11:25 am	Estimating Panel - Rob Turner, Joe Kellams & Shawn Duff
11:25 am – 12:25 pm	Lunch - The Commons at EMU
12:25 pm – 3:30 pm	Bid Day Presentation – PH Room 201
2:15 pm – 2:30 pm	Refreshment Break - PH 1st floor
3:30 pm – 4:15 pm	Question and Answer – PH Room 201
6:00 pm –	Graduation Ceremonies – Michigan Theatre, 603 E Liberty Street

Eastern Michigan University (EMU), Pray-Harrold Building (PH)

Outside Lineman OAGs Sessions – Rob Zillweger

8:00 am – 11:25 am	Estimating Exercise - PH Room 220
9:20 am - 9:35 am	Refreshment Break – PH 1st floor
11:25 am – 12:25 pm	Lunch - The Commons at EMU
12:25 pm – 3:30 pm	Estimating Exercise – PH Room 220
2:15 pm – 2:30 pm	Refreshment Break - PH 1st floor
3:30 pm – 4:15 pm	Question and Answer – PH Room 220
6:00 pm –	Graduation Ceremonies – Michigan Theatre, 603 E Liberty Street

FRIDAY, AUGUST 2, 2024

	Washtenaw Community College
6:45 am – 7:30 am	Continental Breakfast – WCC Morris Lawrence Building
7:30 am – 10:30 am	Human Performance – Rob Zillweger, WCC, LA 240
9:00 am – 9:15 am	Refreshment Break – LA 1st floor 122 lobby
10:30 am – 11:55 am	IBEW Strong Overview – LA 240
11:55 am – 1:00 pm	Lunch – WCC in Morris Lawrence Building
1:00 pm – 3:00 pm	GENERAL SESSION with C Group – ML Towsley Auditorium
2:15 pm - 2:30 pm	Refreshment Break – ML Atrium

TECHNICAL COURSE OFFERINGS

Course	Course Name	Offered	Bldg	Room
T-100	AC Theory Lessons, How to Teach	M T R F	LA	158
T-101	DC Theory Lessons, How to Teach	M T R F	LA	156
T-103	Applied Codeology (AM ONLY)	M T R F	GL	103
T-105	Electric Vehicle Infrastructure Training Program (EVITP) 4.1, TTT	M T R F	OE	123
T-108	Coyne Basic Life Support/First Aid for the Electrical Industry	M T R F	TI	137
T-112	Fundamentals of Grounding and Bonding CML Course Based on the 2023 NEC®	M T R F	TI	116
T-114	Inside Curriculum Activities and Applications	M T R F	LA	159
T-115	Instrumentation and Calibration Basics, Hands-on	M T R F	OE	129
T-116	FOA Certified Fiber Optic Technician (CFOT) Training and Certification	M T R F	LA	111
T-121	Using PTSI Tools for Active Classroom Management	M T R F	TI	118
T-122	PoE Lighting and Building Automation	M T R F	OE	120
T-127	Outside Curriculum-Transformer Simulator Lab Exercise, How to Teach	M T R F	LA	232
T-128	Arc Welding Principles and Processes (PM ONLY)	M T R F	OE	152
T-134	Fundamental Code Calculations-CML TTT	M T R F	TI	112
T-135	Construction Management	M T R F	TI	128
T-143	Hands-On Fiber Training (BICSI accredited) (PM ONLY)	M T R F	OE	148
T-145	Test Instruments (American Technical Publishers)	M T R F	OE	127
T-148	Rigging for the Electrical Industry	M T R F	GL	104
T-149	Rescue Training-Steel Structure Rescue-Confined Space Rescue TTT	M T R F	GL	102
T-150	Introduction to Solar and Energy Storage	M T R F	LA	152
T-151	Test Tools for Solar and Energy Storage Maintenance (Fluke Corporation)	M T R F	OE	188
T-153	Transformers and Motor Theory Lessons, How to Teach	M T R F	OE	135
T-171	Instrumentation and Calibration Advanced Hands-on (electrical training ALLIANCE)	M T R F	OE	131
T-174	Preparing for Leadership: Personal Qualities, (ATP), TTT	M T R F	LA	224
T-176	Introduction to Human Performance	M T R F	TI	129
T-179	Personal Protective Grounding for Lineman (PM ONLY)	M T R F	TI	125
T-188	Trimble RTS (Robotic Total Station) and Trimble Field Link Level 1	M T R F	LA	230
T-192	How to Teach Structured Cabling and Power Limited Technologies-CML (PM ONLY)	M T R F	OE	150
T-209	Fire Alarm Systems Introduction (Hands-On), How to Teach	M T R F	OE	101
T-211	Applied Science of Instrumentation Course	M T W R F	OE	154
T-213	OSHA 500	M T W R F	TI	114
PRE-NTI TECHNICAL COURSES				
T-303	Coyne Basic Life Support/First Aid Refresher	Sa 7/27	TI	137
T-303	Coyne Basic Life Support/First Aid Refresher	Su 7/28	TI	137
X041	OSHA 502	W R F	TI	114
X136	Craft Certification Performance Evaluation Training	F 7/26	TI	118


OE = Occupational Education Building
 TI = Technical and Industrial Building
 GL = Great Lakes Building

LA = Crane Liberal Arts Building
 ML = Morris J. Lawrence Building

Technical Training Group

T GROUP SCHEDULE

SATURDAY, JULY 27, 2024



8:00 am – 5:00 pm	T-303	WCC - TI 137
8:30 am – 5:00 pm	Participant Check-In	EMU - George Gervin GameAbove Center (G3)
9:00 am – 5:00 pm	NTI Trade Show	EMU - George Gervin GameAbove Center (G3)

SUNDAY, JULY 28, 2024

7:00 am – 7:45 am	Prayer/Worship Service	EMU - G3 Center
8:00 am – 12:00 pm	T-303	WCC - TI 137
8:30 am – 12:00 pm	NTI Trade Show / Registration	EMU - G3 Center
11:30 am – 1:00 pm	Lunch for C/SC/OM/IT/O/TD/T all NTI Participants	EMU - Student Center, 2nd floor
1:00 pm – 5:00 pm	C Group Session (optional)	EMU - Student Center
5:30 pm	All NTI Participants Photo	EMU - G3 Center
5:45 pm – 7:00 pm	Opening Ceremony Dining Voucher Distribution	EMU - G3 Center
Following Opening	Welcome Reception	EMU - G3 Center South Lot

MONDAY, JULY 29, 2024

6:45 am – 7:30 am	Continental Breakfast	Morris Lawrence Atrium
7:30 am – 5:00 pm	Technical Training Classes	Various Locations
9:20 am – 9:35 pm	Refreshment Break	Designated Break Area
11:25 am – 12:25 pm	Lunch	Morris Lawrence Atrium/Tent
2:35 pm – 2:50 pm	Refreshment Break	Designated Break Area

Technical Training Group

T GROUP SCHEDULE

TUESDAY, JULY 30, 2024

6:45 am – 7:30 am	Continental Breakfast	Morris Lawrence Atrium
7:30 am – 5:00 pm	Technical Training Classes	WCC - Various Locations
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
11:25 am – 12:25 pm	Lunch	Morris Lawrence Atrium/Tent
2:35 pm – 2:50 pm	Refreshment Break	Designated Break Area
6:00 pm – 9:00 pm	Technical Presentations	WCC - OE Building

WEDNESDAY, JULY 31, 2024

6:45 am – 7:30 am	Continental Breakfast	Morris Lawrence Atrium
7:30 am – 11:30 am	VOLT/OA Group Only	WCC - OE/GL Buildings
7:30 am – 12:00 pm	Golf Tournament - AM Flight	Stonebridge Golf Course
1:00 pm – 5:00 pm	USA Sporting Clay Event	Island Lake Shooting Range
1:30 pm – 5:00 pm	Golf Tournament - PM Flight	Stonebridge Golf Course
6:00 pm – 10:00 pm	Block Party	Main Street, Ann Arbor

THURSDAY, AUGUST 1, 2024

6:45 am – 7:30 am	Continental Breakfast	Morris Lawrence Atrium
7:30 am – 4:15 pm	Technical Training Classes	WCC - Various Locations
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
11:25 am – 12:25 pm	Lunch	Morris Lawrence Atrium/Tent
2:15 pm – 2:30 pm	Refreshment Break	Designated Break Area
6:00 pm – 8:00 pm	NTI Graduation Ceremony	Michigan Theater

FRIDAY, AUGUST 2, 2024

6:45 am – 7:30 am	Continental Breakfast	Morris Lawrence Atrium
7:30 am – 3:00 pm	Technical Training Classes	WCC - Various Locations
9:20 am – 9:35 am	Refreshment Break	Designated Break Area
11:25 am – 12:25 pm	Lunch	Morris Lawrence Atrium/Tent
1:35 pm – 1:50 pm	Refreshment Break	Various Locations

Training Director Development

TD GROUP AGENDA

SATURDAY, JULY 27, 2024

8:30 AM – 5:00 PM **Registration** – Eastern Michigan Univ. George Gervin GameAbove Center (formerly the Convocation Center) 799 N Hewitt Road, Ypsilanti, MI 48197

9:00 AM – 5:00 PM **Trade Show** – Eastern Michigan Univ. George Gervin GameAbove Center

NOTE: There will be no buses. Please consider driving, there is plenty of parking.

SUNDAY, JULY 28, 2024

7:00 – 7:45 AM **Prayer/Worship Service** – Eastern Michigan Univ.-George Gervin GameAbove Center, Auxiliary Gym

8:00 AM – Noon **Registration** – Eastern Michigan Univ. George Gervin GameAbove Center

8:30 AM – Noon **Trade Show** – Eastern Michigan Univ. George Gervin GameAbove Center

10:00 AM – Noon **TD Development Group Meeting** – EMU, Student Center Ballroom, 2nd Floor - Tina Williams

This opening session serves as the inaugural event designed to introduce the mission, values, and objectives of this group. This session aims to provide a comprehensive overview of the director's role, expectations, and the exciting journey that lies ahead.

11:30 AM – 1:00 PM **New TD Group Lunch** – Eastern Michigan University – Student Center, 2nd Floor

1:00 PM – 4:30 PM **Late Registration** – Eastern Michigan Univ. – Student Center, 2nd Floor

1:00 – 2:45 PM **C/SC/TD Group Opening Session**– EMU – Student Center Ballroom, 2nd Floor

Welcome and Opening Remarks – Todd Stafford

State of the Industry – Todd Stafford

This session will cover questions heard from the industry and information sharing on what is coming.

2:45 – 3:00 PM **Refreshment Break**

3:00 – 5:00 PM **Mental Health Awareness in Our Industry** – Facilitated by Cindy Sanderfur

The statistics are sobering: *Construction workers have one of the highest rates of suicide across all industries; *The construction industry has historically struggled with issues related to substance abuse, including alcohol and drug misuse; *The nature of construction work can contribute to stress among workers; *Studies have shown that construction workers experience higher rates of depression and anxiety. These statistics emphasize the urgency of addressing mental health within the construction industry and implementing measures to support well-being, including promoting a culture of openness and support. Join our panel as we explore actionable strategies for making meaningful improvements.

Empowering Apprenticeship: Key Tools, Resources and Latest Updates - Greg Greiner

The *electrical training ALLIANCE* is dedicated to developing and providing essential tools and solutions for AJATC/JATCs, local unions, and contractors, with a focus on comprehensive training support. Recognizing that effective training extends beyond the immediate instruction, our approach encompasses selecting the right candidates, teaching pertinent skills, and timing the training optimally-all tailored to enhance local union growth, retention, and opportunities. This presentation will highlight where to find and obtain these resources to support your efforts.

5:30 PM **Group Photograph** – Eastern Michigan Univ. George Gervin GameAbove Center

Training Director Development

TD GROUP AGENDA

SUNDAY, JULY 28, 2024

5:45 PM	Opening of the 2024 National Training Institute – EMU George Gervin GameAbove Center
	Dining for Dollars Voucher Program: Any participant (and family member) attending the Opening will receive a voucher worth \$25.00 for use at any participating local restaurant Monday through Thursday evening during NTI. You must be in attendance and seated in the arena to receive the voucher. Participating restaurants are listed on the App or in the Event Guide.
Immediately Following:	Welcome Reception – EMU, George Gervin GameAbove Center South Parking Lot (Tent) Reception is a relaxed, informal atmosphere.

REMEMBER: There is no “standing” in any classrooms, if there are no seats, please attend another session.

MONDAY, JULY 29, 2024

7:30 – 8:45 AM	GENERAL SESSION – Washtenaw Community College (WCC), Crane Liberal Arts (LA) Room 240
	Trust & Plan Document Walkthrough – James V. Cole, II Basics of plan governance documents: Trust and Standards
8:45 – 9:00 AM	Refreshment Break
9:00 – 10:15 AM	GENERAL SESSION – Washtenaw Community College (WCC), ML Towsley Auditorium
With C Group	ERISA 101 – James V. Cole, II This session will cover important information for Committee Members and Training Directors on the do’s and don’t’s of running an ERISA Trust program.
10:15 – 10:30 AM	Break
10:30 – 11:45 AM	GENERAL SESSION – Washtenaw Community College (WCC), ML Towsley Auditorium
With C Group	Lines of Separation between the JATC/AJATC and the Union – Lucas Aubrey In this session, we will discuss (1) the legal need for separation between the AJATC/JATC and the local union; (2) problems with AJATC/JATC involvement in matters of the apprentices' union membership and dues payment; and (3) best practices to promote confidentiality, including tips for taking, maintaining, and distributing committee meeting minutes.
11:45 AM – 12:45 PM	New TD Group Discussion Lunch – WCC, ML, Room 121
12:45 – 2:00 PM	GENERAL SESSION – Washtenaw Community Center (WCC), LA Room 240
	Insurance 101 – Nick Giovenco Education on insurance for AJATC/JATCs.
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:30 PM	GENERAL SESSION – WCC ML, Towsley Auditorium
With C Group	Selection Procedures – Robert L. Duston This session will review selection procedures and alternatives.
3:30 – 3:45 PM	Break
3:45 – 5:00 PM	GENERAL SESSION – WCC, ML, Towsley Auditorium
With C Group	Discipline and Termination of Apprentices – Robert L. Duston This session will cover the discipline and termination of apprentices
5:00 – 6:30 PM	Training Director/Assistant Training Director Reception – ML, Towsley Auditorium Atrium

REMEMBER: There is no “standing” in any classrooms, if there are no seats, please attend another session.

TUESDAY, JULY 30, 2024

7:30 – 8:45 AM	GENERAL SESSION – Washtenaw Community Center (WCC), ML Towsley Auditorium
	New Boilerplate Standards – Robert L. Duston
With C Group	This session will review the new Boilerplate Standards.

Training Director Development

TD GROUP AGENDA

TUESDAY, JULY 30, 2024

8:45 – 9:00 AM	Refreshment Break
9:00 – 10:15 AM	GENERAL SESSION – WCC, LA, Room 240 Investigations – Including Harassment – Robert L. Duston This session will cover how to investigate issues that a Training Director may encounter, including harassment.
10:15 – 10:30 AM	Break
10:30 – 11:45 AM	GENERAL SESSION – WCC, LA, Room 240 Stress Less, Achieve More: Balancing Career and Well-being – Dr. Charles Sanderfur Over the last year, 74% of individuals have reported feeling stress to the extent that they felt overwhelmed and unable to manage it. This kind of stress significantly raises the risk of illness and depression and increases suicide rates. Careers are supposed to improve our personal and family health, not compromise them. Imagine managing your career while embracing self-care and well-being. You can equip yourself with simple, motivational tools that reduce anxiety and enhance well-being. You have the ability to transform your life and make your health a priority!
11:45 AM – 12:45 PM	New TD Group Discussion Lunch – WCC, ML, Room 121
12:45 – 2:00 PM	GENERAL SESSION – WCC, LA, Room 240 Curriculum and Selecting Instructors – Danny Van Sickel and Greg Greiner
2:00 – 2:15 PM	Refreshment Break
2:15 – 3:30 PM	GENERAL SESSION – WCC, ML, Towsley Auditorium With C Group Nuts and Bolts of AJATC/JATC Governing Documents – Lucas Aubrey This session will discuss the importance of understanding AJATC/JATC governing documents including (1) the apprenticeship provisions in the collective bargaining agreement and Areawide Training Agreements; (2) the trust agreement; (3) the Standards; and, (4) the program's policies and procedures. The session will highlight problems that can occur when a program does not follow its governing documents, and it will include recommendations for avoiding these problems.
3:30 – 3:45 PM	Classroom Change
3:45 – 5:00 PM	GENERAL SESSION – WCC, LA, Room 240 The Art of Apprenticeship: Mastering Compliance, Operations, and Education – Tina Williams A review of apprenticeship processes for new training directors and/or staff.
6:00 – 9:00 PM	Training Partner Evening Presentations – WCC, Various Locations

WEDNESDAY, JULY 31, 2024

7:30 AM SHARP!	NTI's Annual A.J. Pearson Charity Golf Event – Stonebridge Golf Club (Proceeds to Tunnel to Towers Foundation) https://electricaltrainingevents.org/event/640/info
1:30 PM	NTI's Annual A.J. Pearson Charity Golf Event – Stonebridge Golf Club – PM (Proceeds to Tunnel to Towers Foundation) https://electricaltrainingevents.org/event/640/info
2:00 PM Start	Sporting Clay Shoot – Island Lake Shooting Range (12:00-1:30 pm Registration/Lunch) https://electricaltrainingevents.org/event/641/info
6:00 – 10:00 PM	Destination Ann Arbor invites you to Main Street for a Block Party Celebrating the 2024 NTI

REMEMBER: There is no "standing" in any classrooms, if there are no seats, please attend another session.

THURSDAY, AUGUST 1, 2024

Training Director Development

TD GROUP AGENDA

THURSDAY, AUGUST 1, 2024

7:30 – 8:45 AM	GENERAL SESSION – WCC, LA, Room 240 Intermediate Excel – Stephen Boyd
	This session will focus on intermediate skills for Excel users including advanced copy and paste; formulas; data validation and protection; creating look-up fields; working with formatted tables; mail merge; and email merge. Note: This is not an Excel basic session.
8:45 – 9:05 AM	Refreshment Break
9:05 – 10:20 AM	GENERAL SESSION – WCC, LA, Room 240 From Tension to Understanding: Innovative Strategies in Dispute Resolution – Richard Barnes
	A look at how dispute resolution can serve not just to end conflict, but to restore relationships and build stronger foundations moving forward.
10:20 – 10:40 AM	Break
10:40 – 11:55 AM	GENERAL SESSION – WCC, LA, Room 240 etA Bookstore and CLCS Simplified – Jim Stover, William Orick, and Steve Strickland
	The goal of the presentation is to provide Training Directors, new and old, with the tools necessary to leverage the power of the CLCS to streamline the ordering process in the Bookstore and enrollment in the TMS.
11:55 AM – 1:15 PM	New TD Group Discussion Lunch – WCC, ML, Room 121
1:15 – 2:30 PM	GENERAL SESSION – WCC, ML, Towsley Auditorium With C Group Budgeting and Accounting Basics – Mark Cerulla
	An overview of the accounting fundamentals for a non-profit, including the basics of reading financial statements and preparing a budget. Also discussed are some important accounting policies and procedures that are important for non-profits.
2:30 – 2:50 PM	Refreshment Break
2:50 – 4:05 PM	GENERAL SESSION – WCC, LA, Room 240 Welcome to Your New Professional Environment: Let's Set the Tone for Our Behavior and Communication – John Salyer and Cindy Sanderfur
	We want to help you navigate and excel in your new environment by laying the groundwork for a positive and productive workplace culture. We will explore the importance of tone in shaping workplace dynamics and how our words, actions, and attitudes contribute to the overall atmosphere and influence the way we interact with those around us. This session will allow members of the TD Development Group to reflect on the week and discuss how to take all of that they've learned home to their program.
4:05 – 5:45 PM	Prepare to attend the Graduation Ceremonies and Properly Honor This Year's Graduating Class. All Industry Officers and Leaders Will Be In Attendance.
6:00 PM	Graduation Ceremonies – Michigan Theater (Liberty Street)

FRIDAY, AUGUST 2, 2024

	GENERAL SESSION – WCC, Morris Lawrence Building, Towsley Auditorium
7:30 – 8:45 AM	Program Spotlight Awards – facilitated by Greg Greiner
With C Group	This session will review all of the entries in this award program.
8:45 – 9:05 AM	Refreshment Break
9:05 – 10:20 AM	The TMS & LMS: The Easy Button for Admins – Jim Stover and Paul Costello
With C Group	This presentation will provide simple take-home best practices for getting any person new or experienced with the necessary tools for using the etA and PTSI systems for delivering and monitoring training.

Training Director Development

TD GROUP AGENDA

FRIDAY, AUGUST 2, 2024

10:20 – 10:40 AM	Break
10:40 – 11:55 AM	etA Staff Roundtable – Greg Greiner, Facilitator
With C Group	This session will be a time for attendees to learn about the etA staff.
11:55 AM – 1:00 PM	New TD Group Discussion Lunch – WCC, ML, Room TBD
With C/SC Group	WCC, ML, Towsley Auditorium
1:00 – 2:15 PM	Roundtable with <i>electrical training ALLIANCE</i> Executive Director – Todd Stafford
With C Group	Todd Stafford will review the week and answer any questions that attendees may have.
2:15 – 2:30 PM	Refreshment Break
2:30 – 3:00 PM	TD, C/SC Group Wrap-Up – Todd Stafford

THE ANNUAL NTI

SUMMER BLOCK PARTY

IT'S ALL FUN AND GAMES



WEDNESDAY, JULY 31
6-10 PM ON MAIN STREET
DOWNTOWN ANN ARBOR

ENJOY LIVE DJ, DINING & DANCING
IN THE STREETS, CORNHOLE,
INFLATABLE MECHANICAL BULL,
FOWLING, & PHOTO BOOTH!

MAIN STREET
Ann Arbor

electrical training
ALLIANCE
NTI
World Class
TRAINING

DESTINATION
**ANN
ARBOR**



Mark your calendars!
NTI 2025
July 26 - August 1, 2025