

The Magazine For HIGH TECH Professionals

MARCH/APRIL 2022

highTECH

www.etai.org

NEWS



INSIDE

Vertical Freedom

The LiFi Lab at Wharton County Junior College

ETA's Annual Membership Meeting

What You May Have Missed at ETA's 2022 Education Forum



"The road to success is always under construction."

Lily Tomlin

CERTIFICATION MAINTENANCE



THE IMPORTANCE OF UPDATING YOUR CERTIFICATION RECORDS

Rapid changes in technology and products have changed the methods used in servicing them. By renewing your ETA certification, you provide verification that, as a certified technician, you are keeping up with current technology and enhancing your abilities and knowledge.

In order to comply with ISO 17024 standards, ETA must be able to prove that it can locate and verify the status of each certification holder's information. Many ETA certified technicians have changed addresses, jobs or locations over the years. ETA requests that you regularly update your contact information, experience and education at least annually. With updated information, ETA can ensure that all ETA-certified professionals will receive notification of any changes or updates to the CET program that might affect your certification status. Recertification also helps to keep those records up-to-date. ETA can also provide CET credentials, replacement wall certificates, plaques or wallet cards for a nominal fee. Contact ETA to update your certification records or to request replacement materials.



ETA® International Staff

President

Bryan Allen, CSM, CSS

Financial Director

Cindy Reed, CSS

Marketing Coordinator

High Tech News Editor

Madison Mondy, CSS

editor@etai.org

Director of CET Processing

Lynda Shute, CSS

Database & Processing Coordinator

Tracy Sparks, CSS, MCP

Research & Development Coordinator

David Weaver, CSS

Research & Development Support

Edward Kirkpatrick, CSS, PV2

Certification Administrator Coordinator

High Tech News Assistant Editor

Joseph Maher, CSM, DVE

Maintenance Coordinator

Anthony Pintor, CSS

Staff Support

Delores Andrews

High Tech News is published by

Electronics Technicians Association International, Inc.

5 Depot Street, Greencastle IN 46135

Phone: (800) 288-3824 / (765) 653-8262 Fax: (765) 653-4287

Web Site: www.etai.org E-Mail: eta@etai.org

Publication # ISSN 1092-9592

The views expressed in this publication are those of the author(s)
and do not necessarily reflect the views of ETA International

ETA® Board of Directors

Chairman

Ira Wiesenfeld, CETms(RF)

Vice Chairman

William Bailey, PhD

Secretary

Chris Miller, CETsr

Treasurer

William Woodward, PE

Board of Masters Chair

Joseph Cooper, CETma, CETms (RF,IT)

Cabling Division Chair

Paul Neukam, FOT-OSP, DCI

Co-Cabling Division

Secretary/Treasurer

Mickael Cruz, FOT, WCM, NST

& Sean Sheedy, FOT-OSP, FOI

Certified Technician

Division Chair

Shane Morris, CETma, CETms (IT, RF)

Certified Technician Division

Secretary/Treasurer

John Zielinski, CETma

Communications

Division Chair

John Baldwin, CETsr

Communications

Secretary/Treasurer

Jay Thompson, CETsr

Education Division Chair

Shirley Brown-Harrison

Education Division

Secretary/Treasurer

JB Groves, STS, FOT-OSP, ITS

Renewable Energy

Division Chair

Jay Warmke, PVI, SWI

Shop Division Chair

Terry Zaccarino, CET

Shop Division

Secretary/Treasurer

Armando Montiel, CETsr, R56

Director of Chapter Relations

Richard Booth

Director of International

Relations

John Bakkeren, CESma,

CESms(RF)

FEATURES

4 MEMBER SPOTLIGHT

When did you first realize that you were interested in electronics?

I became an audiophile at an early age, mowing lawns to purchase my first RadioShack stereo system. I volunteered at the local Pacifica FM radio station and earned my FCC 3rd class license at 15. I worked in the recording industry for several years in Hollywood. Joined the Navy and became an advanced technical radioman maintaining digital satellite systems on submarines. This is where I received my formal electronics training.

6 THE LIFI LAB AT WHARTON COUNTY JUNIOR COLLEGE

This session provides participants with the information needed to deploy a LiFi (Light Fidelity) lab at their college or school. Workforce development classes in optical wireless communications at WCJC is also covered in this session.

9 ETA® INTERNATIONAL'S ANNUAL MEMBERSHIP MEETING

On Monday, March 7th, 2022, ETA® International held its Annual Membership Meeting remotely via Zoom. The meeting had a wonderful turn out and was filled with eager and enthusiastic attendees.

10 WHAT YOU MAY HAVE MISSED AT ETA'S 2022 EDUCATION FORUM

Thank you to everyone who could attend the 2022 Education Forum co-located with IWCE in Las Vegas, Nevada! We had a tremendous turnout of attendance this year—over 100 attendees.

+ department

- 12** Check out this list of highly qualified professionals who have recently earned new ETA International accredited certification.



ON THE COVER: LiFi: "A wireless optical networking technology that uses light-emitting diodes (LEDs) for data transmission" (TechTarget, 2022)

GEORGE P. LISTER, CETma



1. When did you first realize that you were interested in electronics?

I became an audiophile at an early age, mowing lawns to purchase my first RadioShack stereo system. I volunteered at the local Pacifica FM radio station and earned my FCC 3rd class license at 15. I worked in the recording industry for several years in Hollywood. Joined the Navy and became an advanced technical radioman maintaining digital satellite systems on submarines. This is where I received my formal electronics training. I turned my digital training to the process industries and was introduced to Automation and Controls. I found my place.

2. Which specialty area of electronics did you decide is suited to you?

I have been enthralled with all facets of Automation for over 35 years. It has been my passion to try and make everything talk to everything else. From early UNIX systems, RS422, 485, all the way to fiber optics. I have had the opportunity to work with lasers, infrared, radar, Coriolis, ultrasonic... sometimes I feel like a kid in a candy store. Industry 4.0 and the Industrial Internet-of-things feels very natural.

3. Tell us about your career path and your current job.

Throughout my career I have used technical certification as a vehicle for professional development. The more I learned, the more I wanted to know. It broadened my technical perspective. It also exposed me to some very forward thinking individuals, and later provided me the opportunity to contribute to the professional community through publishing and certification exam development.

I worked in industry as a control systems technician for over

25 years. I moved into the wind energy industry and climbed towers for several years. I was offered a position training wind technicians at Texas State Technical College. After 8 years I was invited to join the Industrial Instrumentation program at Del Mar College and I am on cloud nine. It is a growing program with phenomenal facilities. I now serve as Program Coordinator.

Do you mentor others?

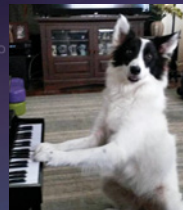
My current position allows me the opportunity to help guide other seasoned industry professionals into the world of academia. We also offer dual credit college courses in area school districts. It is rewarding to see students develop into professionals and enter the workforce and begin careers. I serve as a certified academic advisor for Del Mar College. Our faculty feel strongly that it is our mission to help foster the next generation of technicians. It's not strictly about the technical chops, but includes Professionalism, Integrity, Pride in Workmanship, and Commitment to Safety.

4. Which hobbies do you enjoy?

I am an avid (rabid?) audiophile. I am a certified video calibrator by the Imaging Science Foundation. I particularly enjoy repairing and refurbishing JBL speakers from the 50's, 60's, and 70's. My wife is a professional dog trainer so I get to hang out with a bunch of well-trained dogs. I have several antique motorcycles to tinker and shine. Make a wired alarm system smart by connecting it to the internet and cell phone systems.

- Direct Systems – This company specializes in home theater and flat screen mounting; whole house audio, cable, phone, and network wiring; home automation; and custom installations. Its representative was especially interested in ETA's smart home certifications.

- Private Technology Group - Although the company seems to be a mix of art and technology, PTG is focused on the technology portion of smart building solutions. They select products based on interior design flexibility and performance and maintain manufacturer training and knowledge to ensure all products are configured for optimal performance.



These JBL L100 speakers are 50 years old. Lovingly restored.



With Dick Morley and Bill Fletcher, Modicon's first president at the 40th anniversary of the PLC



General Radiotelephone Operator License (GROL)

"It's more than Push-to-Talk"

If your work includes any type of wireless electronic communications system, this course is for YOU!

Receive years of experience over 8 weeks in a concise, systematic way that will enhance your skill level, regardless of your experience level!

The GROL license preparation course consists of fifteen 90 minute

"trainer lead" ON-LINE sessions of instruction.
(no classes on Memorial Day)

The course is guided by Ira Wiesenfeld P.E. who is responsible for most of the revisions in element 3.

This course covers all of the requirements necessary for successful *understanding* and passage of elements 1 and 3 and is designed to include beginners, as well as senior level technicians and engineers.

This license is required to install / optimize DAS / BDA systems in many jurisdictions

REGISTRATION BEGINS
MARCH 29TH



Find the registration link at:
etai.org or iwatsi.com

Active member of :

ETA, APCO, NATE, EWA,
GWTCA, IEEE, SBC ,RCA,
NFPA

www.iwatsi.com

Email: support@iwatsi.com

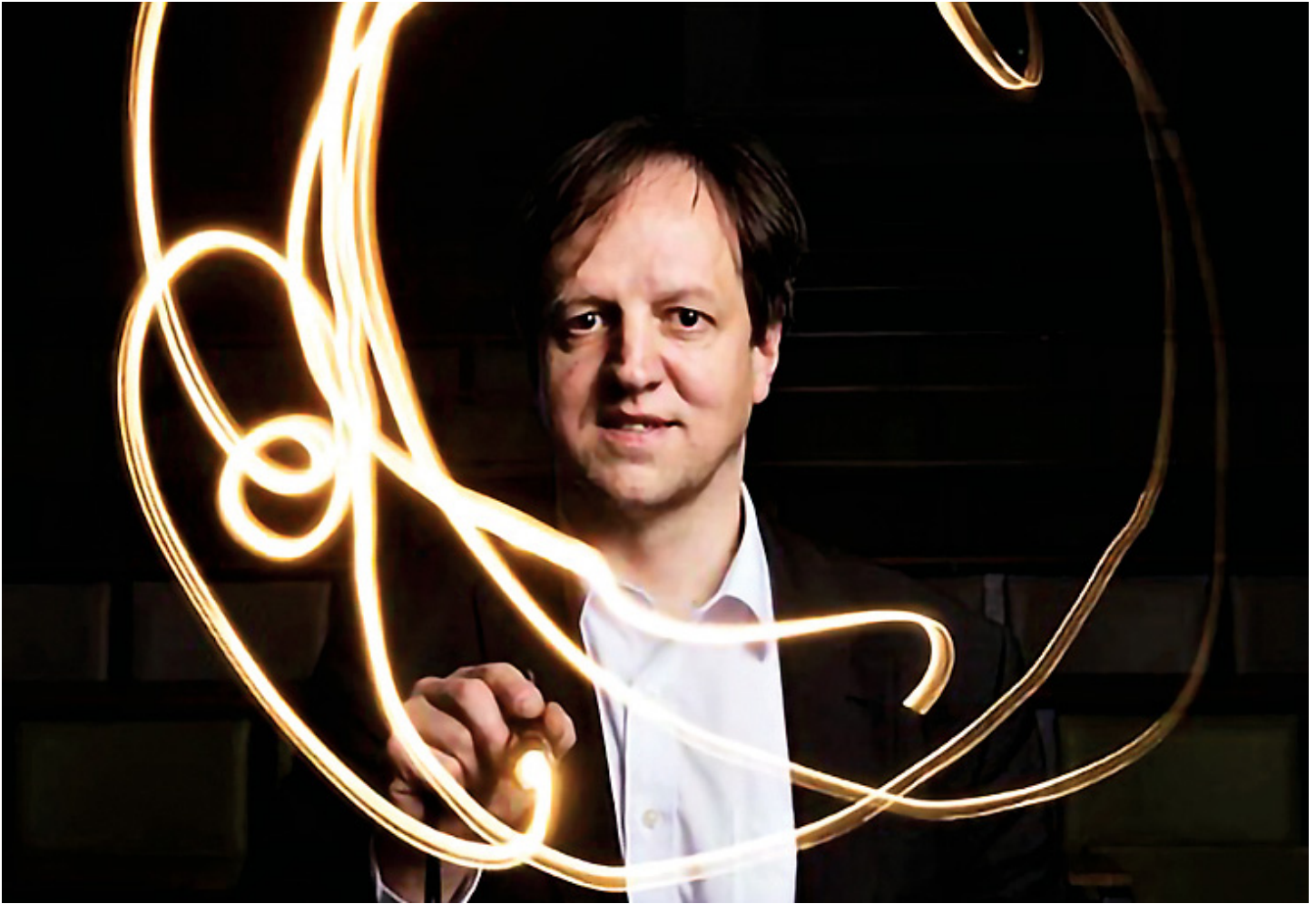
♦844-IWA-TECH (844-492-8324)♦
7711 Scotia Drive | Dallas, TX 75248



FROM CONCEPT TO DEPLOYMENT

THE LIFI (LIGHT FIDELITY) LAB AT WHARTON COUNTY JUNIOR COLLEGE

JB Groves III, FOT, FOI, CSS



Professor Harald Haas "Father of LiFi"

This session provides participants with the information needed to deploy a LiFi (Light Fidelity) lab at their college or school. Workforce development classes in optical wireless communications at WCJC is also covered in this session.

The session title and description are what I submitted for the National Science Foundation's High Technology Exchange Conference (HI-TEC) scheduled for July 27-29 in Salt Lake City this summer. Before I go further, we need to go back in time six years ago when I discovered LiFi (Light Fidelity) technology. I was WOWed... The WOW factor got me and it has not let go.

I immediately started doing research as to who, what, when, and, why related to LiFi-and this is what I initially found:

One hundred and thirty-nine years ago, Scottish born scientist Alexander Graham Bell considered the father of visible light communication introduced wireless light telephony devices to the world, the radiophone and the photophone.

The radiophone was one of the earliest attempts at wireless telephony. The device invented by Bell was based on a thermal effect of focusing a beam of visible light on pieces of burnt cork enclosed in a small glass tube connected to a rubber tubing which the hearing impaired person placed in the ear. The visible light source reflected from a small silver diaphragm and focused on the burnt cork. The diaphragm vibrated by a person speaking into the microphone. The intensity person's voice on the burnt cork generated minute

changes in volume based on variations of temperature on the cork. These changes and the resulting airwaves generated within the tube produce audible sound, which the listener could hear.

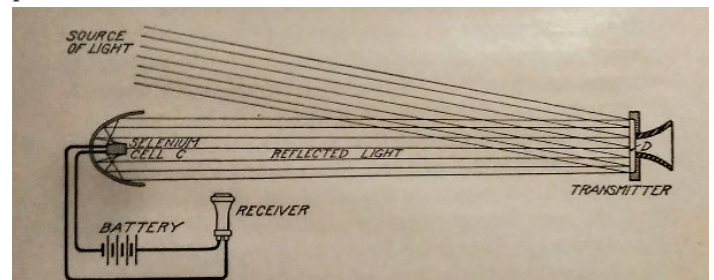


Figure 1: Bells Photophone

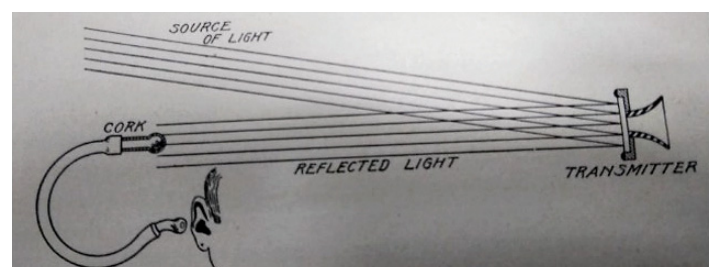


Figure 2: Bell's Radiophone

More power thanks to the selenium cell invention of Willoughby Smith in 1873 led to Bell's next visible light communication invention, the articulating photophone. In 1878, Bell applied Smith's selenium cell battery for the purpose of radiotelephony and created the photophone. The photophone directed the sun's rays with the use of parabolic reflector with the selenium cell connected to the receiver.

The photophone over short distances could project and receive speech flawlessly. The intensity of the light source was this device's only limiting factor in longer distance communication. In 1897 Professor H.T. Simon using a direct current powered high intensity arc discovered that by superimposing a telephonic voice current along with the arc's current "light telephony" could be achieved. In 1912, German scientist Ernst Ruhmer combined the idea of Bell's photophone, with high intensity arc searchlights. The result was that the light telephony system tested by the German Navy could intercommunicate over a distance of twenty miles if weather conditions permitted. The next really big evolution in optical wireless communications would involve IrDA or Infrared communications known as free space optical communications. In 1979 IBM scientist Dr. Fritz Gfeller of Ruschlikon - Zurich, Switzerland invented IrDA – Infrared communications.

Gfeller's novel wireless broadcast/multi-access channel IrDA system designed for flexibly interconnecting a cluster of data terminals located within the same room. The transmission medium is diffusively scattered infrared radiation at 950-nm wavelength. Transmission is low-to-medium speed and the range up to 50 m. Theoretical analysis indicates that the time dispersion limits the transmission bandwidth of the system to 260 Mbit/s, but background noise produced by ambient daylight reduces the

transmission speed below 1 Mbit/s. The transmission speed of the diffused optical channel provided digital links for baseband PCM at 125 kbit/s and PSK 64 kbit/s. The evolution of this technology led to the invention of a 100-megabit infrared LiFi system marketed today. Light Fidelity (LiFi) is born

Light Fidelity known as LiFi comes of age in 2011 when Finnish born scientist Harald Haas coins the term Light Fidelity and



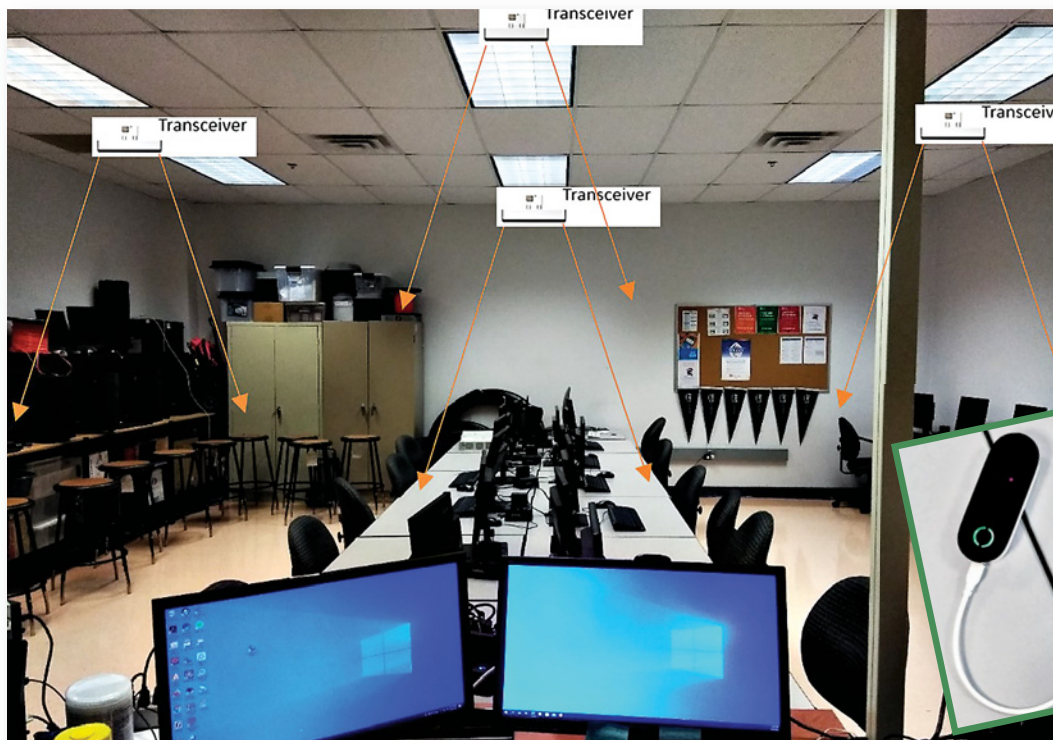
demonstrates LiFi technology to the world during a TED Talk.

Further research led me to Africa's Ivory Coast and Ange Frederick Balma.

My first presentation at HI-TEC reflected the original install of LiFi technology by his company in that country.

THE LIFI LAB AT WHARTON COUNTY JUNIOR COLLEGE PART 2 – TRULIFI HARDWARE PLANNING

The following diagrams indicate how the transceivers in the lab will be deployed in the ceiling. Obviously WCJC building maintenance will be involved for the installation of the transceivers.



JB Groves III, FOT, FOI, CSS

IT will also be involved for the access point to be connected to the network. Each workstation in the lab will have a dongle connected/configured to connect to the transceiver.

Figure 1: WCJC Richmond Campus Lab TC-136 showing proposed LiFi transceiver placement

Figure 2: Signify TruLiFi access key/dongle

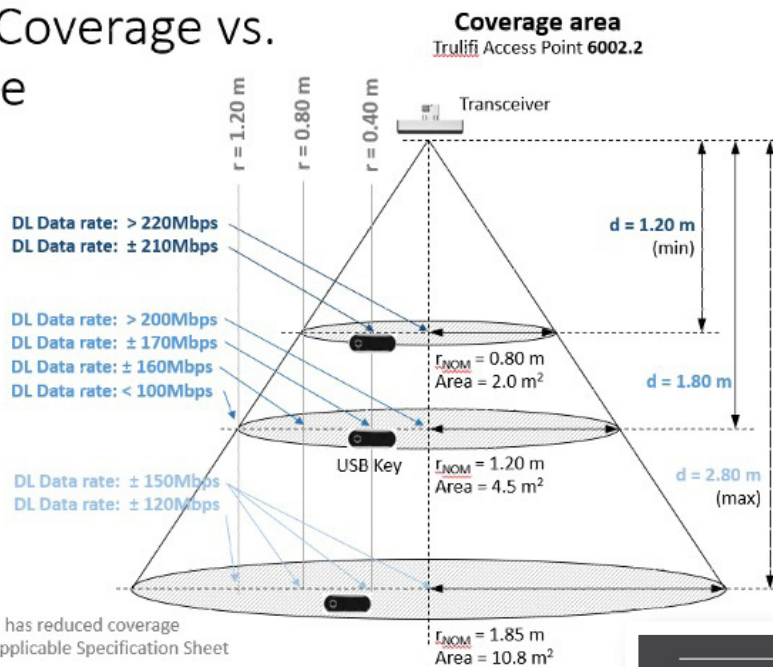
CONTINUED on Page 8

THE LIFI (LIGHT FIDELITY)

Theoretical coverage of each transceiver coverage and data speed:

6002.2 Example – Coverage vs. height vs. Data Rate

- Max. Data rate (throughput of Access Point 6002.2 is 220Mbps Downlink and 160 Mbps Uplink
- Max theoretical data rate per USB Key is 150Mbps and depending on the distance and the offset of the USB key versus transceiver.
- Higher distance (ceiling) increases coverage but reduces data rate
- Within “cone of light” all USB keys equally share available bandwidth
- Outside specified maximum height and/or “cone of light” data rate will significantly drop and USB key might not reconnect

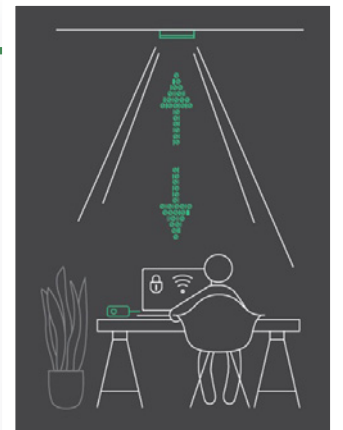


Figures for Access Point 6002.2. Access Point 6002.1 has reduced coverage
For exact data rates under conditions always check applicable Specification Sheet

Figure 3: Coverage vs. Height vs. Data Rate

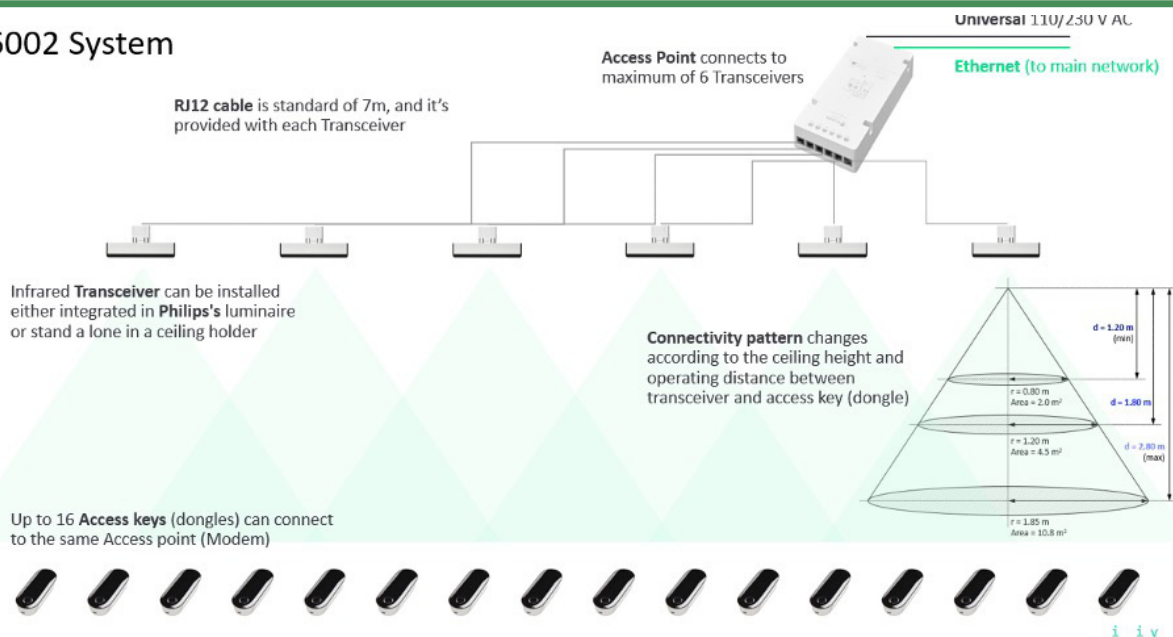


It requires the endpoints to be directly visible to each other. This **line of sight** provides a physical layer of security that radio cannot, as radio data packet transmission can penetrate through walls, windows, ceilings and floors.



What the TruLiFi system configuration looks like:

6002 System



Future hardware deployment for Android devices in the lab:



The Samsung tablet case has the dongle integrated. This plan also provides opportunity to connect the VOIP phone and HP lab printer via LiFi.

In summary, this project has been a long time coming for WCJC. I will leave the ETA community with one last thought. I plan on connecting the access point via fiber.

We are almost there...from the edge device to the core process and back via light...seamlessly!



TruLifi in Samsung tablet case

- 600 USB key integrated in tablet case.
- For classrooms use by kids in (elementary) schools.
- Hinge rotates to keep USB key always pointing upward.

ETA[®] INTERNATIONAL'S ANNUAL MEMBERSHIP MEETING



On Monday, March 7th, 2022, ETA[®] International held its Annual Membership Meeting remotely via GoToMeeting. The meeting had a wonderful turn out and was filled with eager and enthusiastic attendees. During this meeting, many topics were discussed on what the association has been doing over the past year and how it plans to grow in the future. Topics discussed include financials, reports from the different departments at ETA, including the President's report, and more. The Annual Membership Meeting is a time and place where members are able to voice their opinions to ETA Staff, Board of Directors, and Committee Chairmen and can participate in active discussion with those who attend. One of the many privileges of membership in ETA International, is your right to voice your opinion about the direction of ETA International and learn how it has served its members in the previous year. Thank you to everyone who took the time to attend our Annual Membership Meeting! We value your opinions and look forward to our next annual meeting.



WHAT YOU MAY HAVE MISSED AT ETA'S 2022 EDUCATION FORUM

Thank you to everyone who could attend the 2022 Education Forum co-located with IWCE in Las Vegas, Nevada! We had a tremendous turnout of attendance this year—over 100 attendees. Wow! The 2022 Education Forum was held within the North Hall of the Las Vegas Convention Center. There were eight trainings in total -- five of which were on Monday and Tuesday, and the following three were held

on Wednesday and Thursday. The five trainings held on Monday and Tuesday were Distributed Antenna Systems – Code Compliance (DASC), General Communications Technician Training – Level 1 (GCT1), General Communications Technician Training – Level 2 (GCT2), Line and Antenna Sweep (LAS), and Practical Antenna Basics (PAB). The three trainings held on Wednesday and Thursday were Microwave Radio Technician (MRT), Associate Certified Electronics Technician (CETa), and Radio Frequency Interference Mitigation (RFIM). Attending ETA's Education Forum is a great way to attend an in-person training and take your exam as well! On Wednesday and Thursday, ETA had a booth within the exhibit hall. We hope you were able to attend and visit ETA International, along with the many wonderful companies and their booths!



See you next year!

OUR NEXT EDUCATION FORUM
CO-LOCATED WITH IWCE
IN LAS VEGAS WILL BE
3.27.23 – 3.30.23



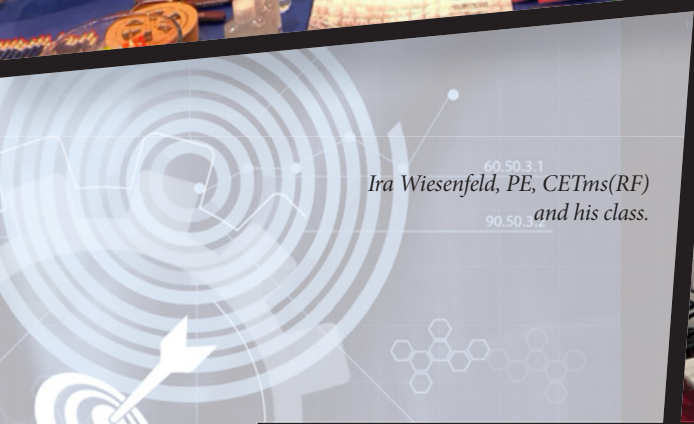
Chris Miller, CETsr and Matt Lunati,
CETms(RF) with their GCT1 class.





Joe Maher, DVE, CSM, CSS (left) and Ira Wiesenfeld, PE, CETms(RF) (right) at ETA International's booth at IWCE Expo.

IF YOU WOULD LIKE TO ATTEND OUR NEXT EDUCATION FORUM, MARK YOUR CALENDARS FOR MARCH 27-30, 2023!



Ira Wiesenfeld, PE, CETms(RF) and his class.



Anthony Pintor, CSS (left), Jonathan Castilaw, GCT1 (middle), and Maddy Mondy, CSS (right) at ETA International's booth at IWCE Expo.



"BEING ABLE TO COME TO VEGAS AS THE VETERAN SCHOLARSHIP WINNER IS JUST AN AMAZING OPPORTUNITY THAT EVERYONE SHOULD TRY TO HAVE. ONCE CERTIFIED, YOU GET TO PUT THE CERTIFICATION ACRONYM AFTER YOUR NAME – THAT'S REALLY COOL AND SHOWS YOUR JOB AND RESPECTED FIELD THAT YOU ARE CERTIFIED. COME TO VEGAS, RUB ELBOWS WITH THE VARIOUS VENDORS THAT ARE HERE AND NETWORK WITH YOUR PEERS. IT IS A GREAT EXPERIENCE AND I URGE EVERYONE TO APPLY FOR THIS SCHOLARSHIP." **-JONATHAN CASTILAW, GCT1**

NEW ETA CERTIFIED TECHNICIANS

The following is a list of professionals who have earned new certifications between December 1, 2021 and January 31, 2022 under one or more of ETA International's 90+ certification programs. Names of these highly qualified technicians have earned ETA's formal endorsement and approval.

| CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|---------------------------------------|----------------|-------------------|--------------|-------------------|
| Basic Systems Technician (BST) | | | | |
| BST256152 | Richard Harris | ETA International | Tracy Sparks | Remote Proctoring |

Certified Electronics Technician (CET)

| | | | | |
|------------|----------------------|---------------------------|------------------------|-------------------|
| R56255683 | Joshua Albaran | ETA International | Tracy Sparks | Remote Proctoring |
| GCT2255808 | Sebastian Brooks | Kingsboro College | Kate Walls | Brooklyn NY |
| IND256225 | Marc Brown | STRAC Institute | Zachary Barrett | Providence RI |
| IND256162 | Carlos Espinosa | STRAC Institute | Zachary Barrett | Providence RI |
| IND256226 | Joseph Espinoza | STRAC Institute | Zachary Barrett | Providence RI |
| R56256163 | Scott Franklin | ETA International | Tracy Sparks | Remote Proctoring |
| NST255154 | Haitham Frikha | Rollover | ETA International | Greencastle IN |
| IND256164 | Joshua Grant | STRAC Institute | Zachary Barrett | Providence RI |
| RAD256063 | Matthew Hillmer | Rollover | ETA International | Greencastle IN |
| WCM256064 | Matthew Hillmer | Rollover | ETA International | Greencastle IN |
| ITS256065 | Matthew Hillmer | Rollover | ETA International | Greencastle IN |
| IND255160 | James Hines | ETA International | Tracy Sparks | Remote Proctoring |
| IND255204 | Matthew Jameson | ETA International | Tracy Sparks | Remote Proctoring |
| TCM255046 | Brandon Levine | USS Ralph Johnson DDG 114 | Dylan Lauricella | FPO AP |
| GCT255045 | Brandon Levine | USS Ralph Johnson DDG 114 | Dylan Lauricella | FPO AP |
| AVN255205 | Michael Long | ETA International | Tracy Sparks | Remote Proctoring |
| IND254915 | Michael Long | ETA International | Tracy Sparks | Remote Proctoring |
| WCM255445 | Christopher Marcotte | Rollover | ETA International | Greencastle IN |
| IND256229 | Troy McGee | STRAC Institute | Francisco A. Sablan | Ocala FL |
| WCM255446 | Owen McLaughlin | Rollover | ETA International | Greencastle IN |
| LAS255786 | Alvaro Mejia | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| LAS255784 | Ivan Melendez | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| IND254916 | James Miller | ETA International | Tracy Sparks | Remote Proctoring |
| IND255702 | Sherri Moore | STRAC Institute | Francisco A. Sablan | Bellevue FL |
| IND255105 | Sidney Poteat | STRAC Institute | Francisco A. Sablan | Bellevue FL |
| GCT2255812 | Matthew Repetti | Kingsboro College | Kate Walls | Brooklyn NY |
| IND255107 | Ivan Rutzebeck | STRAC Institute | Zachary Barrett | Exeter RI |
| IND256124 | Grady Saint Hilaire | STRAC Institute | Christopher M. Stayton | Orlando FL |
| IND256298 | David Vega | STRAC Institute | Christopher M. Stayton | Orlando FL |

Associate Certified Electronics Technician (CETA)

| | | | | |
|-----------|---------------------|-----------------------------------|------------------------|-------------------|
| AST255766 | Merrick Adams | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256096 | Edward Allen | APT College | Howard J. Johnston III | Leesburg FL |
| AST256323 | Jazan Anthony | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255767 | Kevin Baires | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256324 | Sergio Bautista | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256325 | Renee Becker | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255768 | Sarai Beltran | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| GCT255250 | Steven Bent | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256326 | Brandon Blue | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256330 | Darryl Board | Upgrade | ETA International | Greencastle IN |
| AST256327 | Byron Brock | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256159 | Marc Brown | Upgrade | ETA International | Providence RI |
| AST255581 | Terrence Burnett | TN College of Applied Technology | Carlton M. Carter | Memphis TN |
| AST255635 | Justin Campbell | STRAC Institute | William S. Hose | Hartford CT |
| AST256066 | Pablo Casado | South Avionics Training Center | Jonathan Ibarra | Kissimmee FL |
| AST255769 | Jacob Castro | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255770 | George Cherry | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255079 | Gage Crane | State Tech College of Missouri | Anne C. Brennecke | Linn MO |
| AST255648 | Ethan D'Angelo | Upgrade | ETA International | Greencastle IN |
| AST255312 | William Dolan | Kennebec Valley Comm College | Paul Davis | Fairfield ME |
| AST255790 | Jo Vaughn Eddington | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255251 | Michael Erickson | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255001 | Carlos Espinosa | Upgrade | ETA International | Greencastle IN |
| AST256112 | Joseph Espinoza | Upgrade | ETA International | Greencastle IN |
| AST256201 | Charles Freeburg | Rollover | ETA International | Greencastle IN |
| AST255296 | Robert Gamez | STRAC Institute | William S. Hose | Hartford CT |
| AST255443 | Clare Garcia | San Bernadino Valley College | Arnulfo C. Runas | Long Beach CA |
| AST255601 | Daniel Gerry | Kennebec Valley Comm College | William I. Dolan | Fairfield ME |
| AST254521 | Justin Gill | Altoona Library | Kim Kietzman | Altoona IA |
| AST255096 | Jemal Goode | Upgrade | ETA International | Greencastle IN |
| AST256234 | Gabriel Govin | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| AST255158 | Joshua Grant | Upgrade | ETA International | Greencastle IN |
| AST255793 | Raymond Griffy | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST254769 | Keith Grommes | Motorola Solutions | Ian Ratliff | FPO AE |
| AST256328 | Nico Guerrero | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256329 | Hakam Halabi | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256046 | Michael Harris | Pittsburgh Tech College | Dennis McNeill | Oakdale PA |
| AST255252 | Tuan Phong Hoang | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255253 | Pablo Huerta | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST254918 | Thomas Jager | Ivy Tech Comm College | Robyn L. Kingery | Indianapolis IN |
| AST254953 | Matthew Jameson | Upgrade | ETA International | Greencastle IN |
| AST255437 | Bernard Lindsey | Upgrade | ETA International | Greencastle IN |
| AST255373 | Tyler Litchfield | STRAC Institute | William S. Hose | Hartford CT |
| AST254919 | Dennis Litsoiev | ETA International | Tracy Sparks | Remote Proctoring |
| AST255796 | Rene Lopez | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |

| | | | | |
|------------|-----------------------|--------------------------------|----------------------|------------------|
| CERT. # | NAME | SCHOOL | PROCTOR | CITY |
| AST255258 | William McCann | After Hours Repairs | Joseph L. Hutchinson | Norwell MA |
| AHOA255672 | Troy McGee | Upgrade | ETA International | Greencastle IN |
| AST256330 | Anali Medina | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AHOA256232 | James Middleton | Upgrade | ETA International | Greencastle IN |
| AST255447 | Jacob Moody | College of Western Idaho | Robert T. Novak | Nampa ID |
| AST255663 | Sherri Moore | Upgrade | ETA International | Greencastle IN |
| AST255129 | Ronald Nunez | Upgrade | ETA International | Greencastle IN |
| AST255264 | Greg Padua | Upgrade | ETA International | Greencastle IN |
| AST255318 | Micky Phomkhoun | Upgrade | ETA International | Greencastle IN |
| AST256042 | Shea Prescott | Rollover | ETA International | Greencastle IN |
| AST255374 | Thomas Proctor | STRAC Institute | William S. Hose | Hartford CT |
| AST256331 | Armando Ramos | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255124 | Ean Rice | State Tech College of Missouri | Anne C. Brennecke | Linn MO |
| AST255800 | Jorge Rincon | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255254 | Ruben Rivera | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255299 | Robert Rogers | STRAC Institute | William S. Hose | Hartford CT |
| AST255293 | Tyler Sadar | STRAC Institute | William S. Hose | Hartford CT |
| AST256123 | Grady Saint Hilaire | Upgrade | ETA International | Greencastle IN |
| AST255802 | Nicholas Sam | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255255 | Sam Sary | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255845 | Chad Scholer | CALPIA - CCI PIA HFM | Cynthia M. Vasquez | Tehachapi CA |
| AST254902 | Paul Shook | Ivy Tech Comm College | Hui-Ling Wang | Valparaiso IN |
| AST255256 | Robert Simolin | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255813 | Jermiah Skipper | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255633 | Christopher Small | US Army Ordnance School | Saleh A. Ahmed | Ft Lee VA |
| AST255300 | Winchell Sossous | STRAC Institute | William S. Hose | Hartford CT |
| AST255814 | Arturo Soto | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256332 | Daniel Stout | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255071 | Kristhain Strobel | State Tech College of Missouri | Anne C. Brennecke | Linn MO |
| AST255816 | Sihak Svang | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255817 | Robert Thomas | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST256116 | Richard Thornton | Upgrade | ETA International | Greencastle IN |
| AST255818 | Kareem Trahan | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255257 | Hai Hien Tran | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255859 | Ivan Vazquez | Centinela State Prison | Alejandro Diaz | Imperial CA |
| AST256155 | David Vega | Upgrade | ETA International | Greencastle IN |
| AST255150 | Ana Velasco-Escalante | South Avionics Training Center | Jonathan Ibarra | Kissimmee FL |
| AST255442 | David Wilamart | San Bernadino Valley College | Arnulfo C. Runas | Long Beach CA |
| AST255301 | Timothy Williams | STRAC Institute | William S. Hose | Hartford CT |
| AST256334 | Raylene Wilson | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255819 | Dajon Wise | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255820 | Sky Wood | San Bernadino Valley College | Arnulfo C. Runas | San Bernadino CA |
| AST255441 | Miguel Angel Zarate | San Bernadino Valley College | Arnulfo C. Runas | Long Beach CA |

Senior Certified Electronics Technician (CETsr)

| | | | | |
|---------------|--------------------|------------------------------|-------------------|---------------------|
| SETLAS255805 | William Butcher | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETLAS255803 | David Castillo | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETLAS255799 | Adam Christine | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETLAS255795 | Christopher Cisco | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETR56255043 | William Clark | ETA International | Lawrence W. Stark | Maryland Heights MO |
| SETLAS255792 | Caleb Coppinger | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETLAS255789 | Chuck Cox | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETGCT2255047 | Jacob Day | USS Ralph Johnson DDG 114 | Dylan Lauricella | FPO AP |
| SETR56256190 | Michael Fellin | Electronic Service Solutions | Bob Dale | West Caldwell NJ |
| SETR56256247 | Charles Freeburg | ETA International | Tracy Sparks | Remote Proctoring |
| SETLAS255782 | Daniel Girard | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETLAS255787 | Michael Hare | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETWCM255727 | Wilson Lobaton | Rollover | ETA International | Greencastle IN |
| SETGCT2255810 | Carmine Mazza | Kingsboro College | Kate Walls | Brooklyn NY |
| SETWCM255444 | William McCann | Rollover | ETA International | Greencastle IN |
| SETIND256167 | Greg Padua | STRAC Institute | Zachary Barrett | Providence RI |
| SETLAS255782 | James Sheldon | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETR56256109 | Dennis Shipley | Russellville Middle School | Kristi Babb | Russellville AR |
| SETLAS255781 | Tommy Silvers | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETR56254904 | Scott Warner | B & C Communications | Cynda C. Simmons | Chillicothe OH |
| SETLAS255779 | Nicholas Whitworth | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| SETLAS255776 | Michael Ybarra | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |

Certified Service Manager (CSM)

| | | | | |
|-----------|-------------------|-------------------|-------------------|-------------------|
| CSM256299 | Ahmad Assaad | ETA International | Tracy Sparks | Remote Proctoring |
| CSM255044 | Samuel Barber | ETA International | Lawrence W. Stark | Remote Proctoring |
| CSM255152 | Willie Burden | STRAC Institute | Mervin Moats Jr. | Ft Bragg NC |
| CSM254920 | Christine McClung | ETA International | Tracy Sparks | Remote Proctoring |
| CSM255072 | John Zuffelato | Safe Food Systems | Evelyn Bergin | Ft Lauderdale FL |

Customer Service Specialist (CSS)

| | | | | |
|-----------|----------------|------------------------------|-------------------|------------------|
| CSS255887 | Brittany Adams | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255849 | Luis Aguilar | CALPIA - Avenal State Prison | Pamela Olson | Avenal CA |
| CSS255169 | Danny Allen | CALPIA Fabric Products CIW | Melissa Bayer | Norco CA |
| CSS255182 | Ana Alvarenga | CALPIA | Thomas Lee | Corona CA |
| CSS255858 | Jacob Ama | CALPIA | Ala Loban | Crescent City CA |

| CERT. # | NAME | SCHOOL | PROCTOR | CITY | CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|-----------|----------------------|----------------------------------|---------------------------|-------------------|-----------|---------------------------|----------------------------------|---------------------------|-------------------|
| CSS255387 | Jazmynd Andrews | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS256335 | Wendy Jackson | Windham School District | Krista Sellers | Gatesville TX |
| CSS255881 | Briana Aragon | Windham School District | Donald H. Grisham | Marlin TX | CSS255203 | Justin Jahr | ETA International | Tracy Sparks | Remote Proctoring |
| CSS255210 | Jolee Arce | Temple College | Patrick Finnegan | Temple TX | CSS255918 | Tasha January | Windham School District | JoAnn Smith | Gatesville TX |
| CSS255388 | Jocelyn Bajema | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255189 | Abreisha Johns | Windham School District | Johnny L. Everett | Dayton TX |
| CSS255389 | Alaina Barksdale | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255324 | Natalie Johnson | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI |
| CSS255186 | Kayla Barnes | Windham School District | Johnny L. Everett | Dayton TX | CSS255870 | Ashley Jones | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI |
| CSS256203 | Kenneth Barnes | CALPIA - HFM/Stockton | Jason Nelson | Jamestown CA | CSS255190 | Ashley Jones | Windham School District | Johnny L. Everett | Dayton TX |
| CSS255390 | Rachael Barone | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255906 | Ja'Lissa Jones | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255900 | Valerie Barrera | Windham School District | Donald H. Grisham | Marlin TX | CSS256204 | Jeremiha Jones | CALPIA | Joanna Ceja | Delano CA |
| CSS255391 | Tara Bartels | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255219 | Dana Kimble | Temple College | Patrick Finnegan | Temple TX |
| CSS256173 | Jacob Beer | Maplewood Career Center | Kory S. Urban | Ravenna OH | CSS255907 | Kati Knight | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255211 | Mariah Benavides | Temple College | Patrick Finnegan | Temple TX | CSS255221 | Allyson Kurtz | Temple College | Patrick Finnegan | Temple TX |
| CSS256174 | Connor Beyers | Maplewood Career Center | Kory S. Urban | Ravenna OH | CSS255191 | Lacy Lavergne-Hurles | Windham School District | Johnny L. Everett | Dayton TX |
| CSS256175 | Megan Blackburn | Maplewood Career Center | Kory S. Urban | Ravenna OH | CSS256265 | Kayli Law | Windham School District | Julie K. Chambers | Gatesville TX |
| CSS256251 | Hope Blalack | ASI Institute | Destanie L. Deale | Turnersville NJ | CSS255908 | Marlena Leija-Dees | Windham School District | Donald H. Grisham | Marlin TX |
| CSS256157 | Vinod Boga | ETA International | Tracy Sparks | Remote Proctoring | CSS255407 | Julissa Leslie | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255392 | Grace Boss | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255894 | Lanae Loyd | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255393 | Ryleigh Boucher | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255192 | Robin Lucas | Windham School District | Johnny L. Everett | Dayton TX |
| CSS255322 | Sandra Bowser | ASI Institute | Destanie L. Deale | Turnersville NJ | CSS255177 | Lung Ly | CALPIA | Aliza Shaw | Jamestown CA |
| CSS255594 | Reese Brechtelsbauer | ETA International | Tracy Sparks | Remote Proctoring | CSS255178 | James Mandagie | CALPIA | Aliza Shaw | Jamestown CA |
| CSS255213 | Kyleah Brown | Temple College | Patrick Finnegan | Temple TX | CSS255848 | Jose Marroquin | CALPIA | Pamela Olson | Avenal CA |
| CSS255868 | Danielle Burkari | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI | CSS255927 | Carlos Mason | Windham School District | Robert A. Gray | Huntsville TX |
| CSS255214 | Travis Burton | Temple College | Patrick Finnegan | Temple TX | CSS255909 | Brittney Mathis | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255901 | Makala Byrd-Roberts | Windham School District | Donald H. Grisham | Marlin TX | CSS255223 | Kathryn Mays | Temple College | Patrick Finnegan | Temple TX |
| CSS255842 | Anne Caldwell | Savant Achievement Center Inc | Hilario E. Alvarado | San Antonio TX | CSS255879 | Ashley McCardell | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255215 | Alyssa Carranza | Temple College | Patrick Finnegan | Temple TX | CSS255895 | Crosby McClendon | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255889 | Rosalia Castanuela | Windham School District | Donald H. Grisham | Marlin TX | CSS255885 | Jasmine McCurdy | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255850 | Anthony Chambers | CALPIA | Jesus N. Parra Jr | Soledad CA | CSS255454 | John McMillian | TN College of Applied Technology | Shirley M. Brown-Harrison | Hohenwald TN |
| CSS255914 | Carol Chapman | Windham School District | JoAnn Smith | Gatesville TX | CSS255406 | Julisa Mendoza | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS256176 | Eric Cook | Maplewood Career Center | Kory S. Urban | Ravenna OH | CSS256114 | James Miller | STRAC Institute | Zachary Barrett | Providence RI |
| CSS255890 | April Cortez | Windham School District | Donald H. Grisham | Marlin TX | CSS255184 | Melissa Miller | Windham School District | Josephine Kapalski | Dayton TX |
| CSS255272 | Madison Cross | Temple College | Patrick Finnegan | Temple TX | CSS255049 | Angelo Mitchell | CALPIA | Sam Martin | Vacaville CA |
| CSS255891 | Alexandra Cruz | Windham School District | Donald H. Grisham | Marlin TX | CSS255193 | Stephanie Mitchell Bowman | Windham School District | Johnny L. Everett | Dayton TX |
| CSS255698 | Elizabeth Cunnings | ETA International | Tracy Sparks | Remote Proctoring | CSS255851 | Michael Monson | Centinela State Prison | Alejandro Diaz | Imperial CA |
| CSS256238 | Tucker Dabbs | TN College of Applied Technology | Shirley M. Brown-Harrison | Hohenwald TN | CSS255896 | Bell Montanez | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255882 | Cynthia Davidson | Windham School District | Donald H. Grisham | Marlin TX | CSS255174 | Mark Morales | CALPIA | Patricia Boles | Vacaville CA |
| CSS256336 | Felicia Davis | Windham School District | Krista Sellers | Gatesville TX | CSS255063 | Angelica Narvaez | Temple College | Patrick Finnegan | Temple TX |
| CSS255171 | Federico Delgado | CALPIA - HFM/Stockton | Jason Nelson | Ione CA | CSS255121 | Samantha Nash | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI |
| CSS255395 | Hannah Devrou | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255176 | Somchit Nasirichampang | CALPIA | Wilson Blades | Soledad CA |
| CSS255173 | Raul Diaz | CALPIA - RJ Donovan | Antonio J. Rodriguez | San Diego CA | CSS255910 | Chantae Nelson | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255902 | Viridiana Diaz | Windham School District | Donald H. Grisham | Marlin TX | CSS255854 | Teresa Nelson | CALPIA | Victoria Rodriguez | Chowchilla CA |
| CSS255396 | Jenna Dove | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255050 | Jeff Nguyen | CALPIA | Sam Martin | Vacaville CA |
| CSS255397 | Callaway Drooger | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255919 | Lynn Nichols | Windham School District | JoAnn Smith | Gatesville TX |
| CSS255398 | Avery Dykema | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255920 | Elizabeth Odum | Windham School District | JoAnn Smith | Gatesville TX |
| CSS255399 | Arieana Eberle | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255409 | Erica Olney | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255323 | Joel Erdman | ETA International | Tracy Sparks | Remote Proctoring | CSS255926 | Lisa Paredes | Windham School District | JoAnn Smith | Gatesville TX |
| CSS255878 | Simon Escobedo | Windham School District | Margarita T. Posada | Beeville TX | CSS255411 | Makayla Parm | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255430 | Ruben Estrada | Windham School District | Margarita T. Posada | Beeville TX | CSS255224 | Penny Parmer | Temple College | Patrick Finnegan | Temple TX |
| CSS255400 | Chloe Farris | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255412 | Kelsey Patterson | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255915 | Jennifer Felix | Windham School District | JoAnn Smith | Gatesville TX | CSS255703 | Sweet Apple Peovich | ETA International | Tracy Sparks | Remote Proctoring |
| CSS256252 | Jenny Ferguson | ASI Institute | Destanie L. Deale | Turnersville NJ | CSS255413 | Lydia Pitcher | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255200 | Paul Filiczowski | ETA International | Tracy Sparks | Remote Proctoring | CSS255883 | Justice Poole | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255892 | Chasmire Freeman | Windham School District | Donald H. Grisham | Marlin TX | CSS255194 | Carla Prince | Windham School District | Johnny L. Everett | Dayton TX |
| CSS255439 | Leny Galafate | CALPIA | Carolyn Hughes | Chowchilla CA | CSS255225 | Audrey Rafay | Temple College | Patrick Finnegan | Temple TX |
| CSS255903 | Alexis Garcia | Windham School District | Donald H. Grisham | Marlin TX | CSS255897 | Sierra Ramos | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255917 | Amber Garcia | Windham School District | Johnny L. Everett | Dayton TX | CSS255122 | Sharon Ramsey | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI |
| CSS255840 | Kristina Garcia | Savant Achievement Center Inc | Hilario E. Alvarado | San Antonio TX | CSS256028 | Patrick Reardon | ETI Tech College | Robert A. Magnoski | Niles OH |
| CSS255682 | Shivam Garg | College of New Caledonia | Candice A. Dyck | Prince George BC | CSS255641 | Atticus Reasons | TN College of Applied Technology | Shirley M. Brown-Harrison | Hohenwald TN |
| CSS254911 | Lynnez Gaskins | ASI Institute | Destanie L. Deale | Turnersville NJ | CSS255898 | Melissa Reed | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255188 | Candace Goff | Windham School District | Johnny L. Everett | Dayton TX | CSS255414 | Ruby Reeder | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255904 | Mandi Gomez | Windham School District | Donald H. Grisham | Marlin TX | CSS255064 | Silvia Reynoso | Temple College | Patrick Finnegan | Temple TX |
| CSS256339 | Angela Gonzalez | Windham School District | Krista Sellers | Gatesville TX | CSS256207 | Travion Riddick | CALPIA | Royante Russ | Wasco CA |
| CSS256253 | Isabella Gonzalez | ASI Institute | Destanie L. Deale | Turnersville NJ | CSS255923 | Aerialle Rieff | Windham School District | JoAnn Smith | Gatesville TX |
| CSS255402 | Cody Goodman | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255841 | Ana Rivera | Savant Achievement Center Inc | Hilario E. Alvarado | San Antonio TX |
| CSS255913 | Angelia Graham | ETA International | Tracy Sparks | Remote Proctoring | CSS255125 | Paul Robertson | Central Ridge Library | Olivia Sperry | Beverly Hills FL |
| CSS255216 | Haleigh Grannis | Temple College | Patrick Finnegan | Temple TX | CSS255710 | Patti Robinson | Gateway Tech College | Michelle James | Kenosha WI |
| CSS255048 | Fernando Guizar | CALPIA | Ala Loban | Crescent City CA | CSS255195 | Laura Rogers | Windham School District | Johnny L. Everett | Dayton TX |
| CSS255916 | Shanna Gutierrez | Windham School District | JoAnn Smith | Gatesville TX | CSS255843 | Merlin Romero | Savant Achievement Center Inc | Hilario E. Alvarado | San Antonio TX |
| CSS255218 | William Hagood | Temple College | Patrick Finnegan | Temple TX | CSS255415 | Bryn Rougeau | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255905 | Jeanecia Haley | Windham School District | Donald H. Grisham | Marlin TX | CSS254913 | Diamond Rucker | ASI Institute | Destanie L. Deale | Turnersville NJ |
| CSS255917 | Jasmine Harris | Windham School District | JoAnn Smith | Gatesville TX | CSS255226 | Aliene Ruff | Temple College | Patrick Finnegan | Temple TX |
| CSS256264 | Melissa Harrison | Windham School District | Julie K. Chambers | Gatesville TX | CSS256178 | Kayla Sabatino | Maplewood Career Center | Kory S. Urban | Ravenna OH |
| CSS255403 | Madison Hartman | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255884 | Samantha Sammons | Windham School District | Donald H. Grisham | Marlin TX |
| CSS256254 | Desaree Haskin | ASI Institute | Destanie L. Deale | Turnersville NJ | CSS256208 | Jason Santos | CALPIA | Victoria Rodriguez | Chowchilla CA |
| CSS255404 | Olivia Heflin | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255416 | Rebekah Scholten | Careerline Technology Center | Renee C. Slagter | Holland MI |
| CSS255277 | Dolores Hernandez | Temple College | Patrick Finnegan | Temple TX | CSS255438 | Idea Scholz | CALPIA | Carolyn Hughes | Chowchilla CA |
| CSS255405 | Alexis Hou | Careerline Technology Center | Renee C. Slagter | Holland MI | CSS255911 | Tessa Senn | Windham School District | Donald H. Grisham | Marlin TX |
| CSS255925 | Juli Howell | Windham School District | JoAnn Smith | Gatesville TX | CSS255855 | Anthony Sherman | CALPIA | Jason Nelson | Ione CA |
| CSS254910 | Alyssa Huaca | ASI Institute | Destanie L. Deale | Turnersville NJ | CSS255924 | Andrea Shook | Windham School District | JoAnn Smith | Gatesville TX |
| CSS255062 | Wei Huo | Temple College | Patrick Finnegan | Temple TX | CSS255846 | Damar Shows | Centinela State Prison | Alejandro Diaz | Imperial CA |
| CSS255893 | Rakendra Jackson | Windham School District | Donald H. Grisham | Marlin TX | CSS256266 | Heather Smith-Sell | Windham School District | Julie K. Chambers | Gatesville TX |

NEW ETA CERTIFIED TECHNICIANS

The following is a list of professionals who have earned new certifications between December 1, 2021 and January 31, 2022 under one or more of ETA International's 90+ certification programs. Names of these highly qualified technicians have earned ETA's formal endorsement and approval.

| CERT. # | NAME | SCHOOL | PROCTOR | CITY | CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|-----------|------------------------|----------------------------------|---------------------------|-------------------|-----------|----------------------------|-----------------------------------|---------------------------|-------------------|
| CSS255168 | Robert Soberianis | CALPIA Fabric Products CIW | Melissa Bayer | Norco CA | EM1255631 | John Hamrick | Crest High School | James Hamrick | Shelby NC |
| CSS255417 | Alexiz Sosa | Careerline Technology Center | Renee C. Slagter | Holland MI | EM1255533 | Abigail Harris | Crest High School | James Hamrick | Shelby NC |
| CSS255170 | Victor Soto | CALPIA Fabric Products CIW | Melissa Bayer | Norco CA | EM1256126 | Daniel Hays | STRAC Institute | Francisco A. Sablan | Bellevue FL |
| CSS255886 | Laura Sparks | Windham School District | Donald H. Grisham | Marlin TX | EM1255310 | Donovan Hernandez | Etowah County Career TechCenter | Keith Tolbert | Centre AL |
| CSS256180 | David Stacy | Maplewood Career Center | Kory S. Urban | Raveena OH | EM1255587 | Garrett Hess | TN College of Applied Technology | Shirley M. Brown-Harrison | Hohenwald TN |
| CSS256181 | Leonard Stanek | Maplewood Career Center | Kory S. Urban | Raveena OH | EM1255429 | Jordan Holmes | Etowah County Career Tech Center | Keith Tolbert | Centre AL |
| CSS255196 | Autumn Stephens | Windham School District | Johnny L. Everett | Dayton TX | EM1255704 | Shane Hughes | Carbon Career & Tech Institute | Joseph S. Farkas | Jim Thorpe PA |
| CSS255922 | Paige Straley | Windham School District | JoAnn Smith | Gatesville TX | EM1255535 | Dawn Humphries | Crest High School | James Hamrick | Shelby NC |
| CSS255871 | DaQuisha Street | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI | EM1225278 | Treyvon James | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255127 | Dawanda Street | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI | EM1255567 | Matthew Jimenez | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS256205 | Deoyonta Street | CALPIA | Royante Russ | Wasco CA | EM1256011 | Justin Joubert | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS256206 | Kalisitiane Tai | CALPIA | Royante Russ | Wasco CA | EM1255705 | Ronald Kaminsky | Carbon Career & Tech Institute | Joseph S. Farkas | Jim Thorpe PA |
| CSS256182 | Nathaniel Thibideau | Maplewood Career Center | Kory S. Urban | Raveena OH | EM1255383 | Samuel King | STRAC Institute | Christopher M. Stayton | Orlando FL |
| CSS255197 | Laketha Thomas Landers | Windham School District | Johnny L. Everett | Dayton TX | EM1255486 | Kevin Kpor | Institute of Innovation | Alan Azevedo | Gaffney SC |
| CSS255872 | Alexandria Thompson | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI | EM1255222 | Javariss Lawrence | STRAC Institute | Christopher M. Stayton | Orlando FL |
| CSS256125 | Blake Thompson | TN College of Applied Technology | Shirley M. Brown-Harrison | Hohenwald TN | EM1225281 | Gregg Leiva | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255922 | Angela Townsend | Windham School District | JoAnn Smith | Gatesville TX | EM1225282 | Daniela Leyva | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255198 | Rosalinda Trevino | Windham School District | Johnny L. Everett | Dayton TX | EM1255448 | Robert Marr | Northeast Alabama Comm College | Julie George | Rainsville AL |
| CSS254912 | Keauna Trujillo | ASI Institute | Destanie L. Deale | Turnersville NJ | EM1256012 | Pablo Martinez | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255440 | Louise Turpin | CALPIA | Carolyn Hughes | Chowchilla CA | EM1255576 | Kelly Mathis | STRAC Institute | Mervin Moats Jr. | Ft Bragg NC |
| CSS255227 | Catelyn Tyler | Temple College | Patrick Finnegan | Temple TX | EM1255463 | David McCarthy | Coastal Pines Tech College | Thomas Wesley | Waycross GA |
| CSS255847 | Jason VanBlarcom | Centinel State Prison | Alejandro Diaz | Imperial CA | EM1255344 | Darren McCloud | Northeast Alabama Comm College | Julie George | Rainsville AL |
| CSS255418 | Becca VanDenBeldt | Careerline Technology Center | Renee C. Slagter | Holland MI | EM1255336 | Nicolas Mcswain | Crest High School | James Hamrick | Shelby NC |
| CSS255419 | Elaina Vander Veen | Careerline Technology Center | Renee C. Slagter | Holland MI | EM1255537 | Christopher Medina | Crest High School | James Hamrick | Shelby NC |
| CSS255420 | Falicia VanderKooi | Careerline Technology Center | Renee C. Slagter | Holland MI | EM1255572 | Maia Menendez | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255712 | Leann Vanderlooven | ETA International | Tracy Sparks | Remote Proctoring | EM1254906 | Charles Mitchell | Randleman High School | Charles P. Conrad | Randleman NC |
| CSS255912 | Debbie Vaquera | Windham School District | Donald H. Grisham | Marlin TX | EM1256015 | Keon Morales | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255183 | Raymond Vargas | Centinel State Prison | Alejandro Diaz | Imperial CA | EM1255284 | Christian Moreno | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255175 | Allan Vasquez | CALPIA - HFM/Stockton | Jason Nelson | Ione CA | EM1256059 | Michael Murphy | ETA International | Tracy Sparks | Remote Proctoring |
| CSS256183 | Warren Vickery | Maplewood Career Center | Kory S. Urban | Raveena OH | EM1225285 | Leandro Oliva | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255167 | Clara Cecilia Villafan | Temple College | Patrick Finnegan | Temple TX | EM1255286 | Jorge Perez-Huaman | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255228 | Hailey Ward | Temple College | Patrick Finnegan | Temple TX | EM1255287 | Keneardo Prudent | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255128 | Latoyra Ward | Cutting Edge Staffing LLC | Andrea Bester | Milwaukee WI | EM1256235 | Waldemar Rivera | STRAC Institute | Francisco A. Sablan | Ocala FL |
| CSS255421 | Emma Warren | Careerline Technology Center | Renee C. Slagter | Holland MI | EM1255386 | Jammir Roman | STRAC Institute | Christopher M. Stayton | Orlando FL |
| CSS255422 | Lydia Warren | Careerline Technology Center | Renee C. Slagter | Holland MI | EM1255289 | Karen Sanchez | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| CSS255423 | Alexis Westra | Careerline Technology Center | Renee C. Slagter | Holland MI | EM1255642 | Quidrevious Spring-Edwards | Crest High School | James Hamrick | Shelby NC |
| CSS256267 | Andrea Whitney | Windham School District | Julie K. Chambers | Gatesville TX | EM1255464 | Timothy Summers | Coastal Pines Tech College | Thomas Wesley | Waycross GA |
| CSS256237 | Anthony Wilburn | TN College of Applied Technology | Shirley M. Brown-Harrison | Hohenwald TN | EM1255627 | Joshua Whisnant | Crest High School | James Hamrick | Shelby NC |
| CSS256202 | Kenneth Wilkinson | CALPIA - HFM/Stockton | Jason Nelson | Jamestown CA | EM1255490 | Jordon Williams | Institute of Innovation | Alan Azevedo | Gaffney SC |
| CSS256184 | Jonathon Wilson | Maplewood Career Center | Kory S. Urban | Raveena OH | EM1255626 | Logan Wilson | Crest High School | James Hamrick | Shelby NC |
| CSS255180 | Justin Wilson | CALPIA | Aliza Shaw | Jamestown CA | | | | | |
| CSS255229 | Matthew Woodall | Temple College | Patrick Finnegan | Temple TX | | | | | |
| CSS255185 | Christina Woolard | Windham School District | Josephine Kapalski | Dayton TX | | | | | |
| CSS256185 | Hunter Yoder | Maplewood Career Center | Kory S. Urban | Raveena OH | | | | | |
| CSS255424 | Angel Zarate | Careerline Technology Center | Renee C. Slagter | Holland MI | | | | | |

Computer Service Technician (CST)

| | | | | |
|-----------|---------------------|-------------------|-------------------|-------------------|
| CST255319 | Daniel Scheider | ETA International | Tracy Sparks | Remote Proctoring |
| CST256186 | Sheldon Robert Weir | Rollover | ETA International | Greencastle IN |

Distributed Antenna Systems (DAS)

| | | | | |
|-----------|------------------|-------------------|--------------|-------------------|
| DAS256255 | Chris Herrington | ETA International | Tracy Sparks | Remote Proctoring |
|-----------|------------------|-------------------|--------------|-------------------|

Data Cabling Installer (DCI)

| | | | | |
|-----------|--------------------|--------------------|--------------------|-------------|
| DCI255036 | Jason Aquino | Guam Comm College | Terry F. Kuper | Mangilao GU |
| DCI255832 | Weischuppi Elameto | Guam Comm College | Ricky S. Tyquengco | Tamuning GU |
| DCI255038 | Matthew Fernandez | Guam Comm College | Terry F. Kuper | Mangilao GU |
| DCI255315 | Thomas Kuper | L+K Communications | John B. Limtiaco | Dededo GU |
| DCI255321 | Ricky Tyquengco | L+K Communications | John B. Limtiaco | Dededo GU |
| DCI255834 | Allen Yugmag | Guam Comm College | Ricky S. Tyquengco | Tamuning GU |
| DCI255831 | Carlos Yugmag | Guam Comm College | Ricky S. Tyquengco | Tamuning GU |

Electronics Modules - DC (EM1)

| | | | | |
|-----------|-------------------|-----------------------------------|---------------------------|-------------------|
| EM1256224 | Alexis Abreu-Jr | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM125269 | David Banegas | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM1255270 | Harold Blake | STRAC Institute | Willie L. Burden | Ft Bragg NC |
| EM1255528 | Jeremiah Bolin | Crest High School | James Hamrick | Shelby NC |
| EM1255565 | Christian Cameron | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM125271 | Yismar Cax Perez | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM1255004 | Isaac Davis | STRAC Institute | Zachary Barrett | Exeter RI |
| EM1255566 | Juan Dominguez | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM1255529 | Da'Verious Dover | Crest High School | James Hamrick | Shelby NC |
| EM1252574 | Williams Duarte | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM1255530 | Zander Easler | Crest High School | James Hamrick | Shelby NC |
| EM1255456 | Brayden Ellison | Northeast Alabama Comm College | Julie George | Rainsville AL |
| EM1255313 | Matthew Entekin | TN College of Applied Technology | Shirley M. Brown-Harrison | Hohenwald TN |
| EM1256010 | Barbaro Garciga | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM1254959 | Justin Gilkison | ETA International | Tracy Sparks | Remote Proctoring |
| EM1255449 | Kyle Goble | Northeast Alabama Comm College | Julie George | Rainsville AL |
| EM1225276 | Marco Gonzalez | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL |
| EM1255377 | Hector Gutierrez | STRAC Institute | Christopher M. Stayton | Orlando FL |

Electronics Modules - AC (EM2)

| | | | | |
|-----------|---------------------|--------------------------------|------------------------|-------------------|
| EM2255686 | Harold Blake | STRAC Institute | Willie L. Burden | Ft Bragg NC |
| EM2255774 | Warren Bryant | FCI Ray Brook | Matthew C. Russell | Ray Brook NY |
| EM2255645 | Kevin Cadena | WSU Tech | Joseph Varrientos | Wichita KS |
| EM2255687 | Isaac Davis | STRAC Institute | Zachary Barrett | Exeter RI |
| EM2255101 | Bobby Freeman | STRAC Institute | Nathaniel L. Waldahl | Ft Bragg NC |
| EM2255685 | Justin Gilkison | ETA International | Tracy Sparks | Remote Proctoring |
| EM2256227 | Hector Gutierrez | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM2255067 | Carlos Hernandez | STRAC Institute | Willie L. Burden | Ft Bragg NC |
| EM2255649 | My Phuong Hoang | WSU Tech | Joseph Varrientos | Wichita KS |
| EM2256045 | Samuel King | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM2255589 | Javariss Lawrence | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM2255343 | Darren McCloud | Northeast Alabama Comm College | Julie George | Rainsville AL |
| EM2254955 | James Middleton | STRAC Institute | Francisco A. Sablan | Bellevue FL |
| EM2255652 | Timothy Mincks | WSU Tech | Joseph Varrientos | Wichita KS |
| EM2255653 | Curtis Murphy | WSU Tech | Joseph Varrientos | Wichita KS |
| EM2255654 | Carson Palmer | WSU Tech | Joseph Varrientos | Wichita KS |
| EM2255688 | Jammir Roman | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM2255656 | Brandon Rupp | WSU Tech | Joseph Varrientos | Wichita KS |
| EM2255108 | Katherine Swann | STRAC Institute | Nathaniel L. Waldahl | Ft Bragg NC |
| EM2255055 | William Thatch | FCI Ray Brook | Matthew C. Russell | Ray Brook NY |
| EM2255657 | Bryant Thomas | WSU Tech | Joseph Varrientos | Wichita KS |
| EM2255340 | Christopher Tribble | Northeast Alabama Comm College | Julie George | Rainsville AL |
| EM2255452 | Quinn Young | WSU Tech | Joseph Varrientos | Wichita KS |

Electronics Modules - Analog (EM3)

| | | | | |
|-----------|---------------------|-----------------|------------------------|--------------|
| EM3256156 | Harold Blake | STRAC Institute | Willie L. Burden | Ft Bragg NC |
| EM3255584 | Turian Burnett | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM3255684 | Bobby Freeman | STRAC Institute | Nathaniel L. Waldahl | Ft Bragg NC |
| EM3255579 | Carlos Hernandez | STRAC Institute | Nathaniel L. Waldahl | Ft Bragg NC |
| EM3256297 | Samuel King | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM3256119 | Javariss Lawrence | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM3255661 | James Middleton | STRAC Institute | Francisco A. Sablan | Bellevue FL |
| EM3255314 | Sherri Moore | STRAC Institute | Francisco A. Sablan | Bellevue FL |
| EM3255054 | Ronald Nunez | FCI Ray Brook | Matthew C. Russell | Ray Brook NY |
| EM3256168 | Jammir Roman | STRAC Institute | Christopher M. Stayton | Orlando FL |
| EM3255375 | Grady Saint Hilaire | STRAC Institute | Robert C. Berlin Jr. | Orlando FL |
| EM3255666 | Katherine Swann | STRAC Institute | Nathaniel L. Waldahl | Ft Bragg NC |
| EM3255265 | Richard Thornton | STRAC Institute | Christopher M. Stayton | Orlando FL |

| CERT. # | NAME | SCHOOL | PROCTOR | CITY | CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|---|----------------------|------------------------------------|------------------------|-------------------|-----------|---------------------------|-------------------------------------|----------------------|---------------------|
| Electronics Modules - Digital (EM4) | | | | | | | | | |
| EM4255434 | Darryl Board | FCI Ray Brook | Matthew C. Russell | Ray Brook NY | FOI255971 | Mark Baim | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL |
| EM4256117 | Robert Briscoe | STRAC Institute | Clyde J. Dolly | Melbourne FL | FOI254934 | Tyler Ball | Light Brigade | Jeffrey A. Noble | Des Moines IA |
| EM4254949 | Marc Brown | ETA International | Tracy Sparks | Remote Proctoring | FOI255827 | Jeremy Banayat | Guam Comm College | Ricky S. Tyuquengco | Tamuning GU |
| EM4256248 | Turian Burnett | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI255465 | Tina Barker | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| EM4255497 | Michael Callahan | Crest High School | James Hamrick | Shelby NC | FOI255021 | Troy Barras | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| EM4255647 | Ethan D'Angelo | WSU Tech | Joseph Varrientos | Wichita KS | FOI254943 | Samuel Baumer | Light Brigade | Cameron L. Karch | Kent WA |
| EM4256161 | Ricky Ealy | STRAC Institute | Jeffrey M. Shirreffs | Melbourne FL | FOI241453 | Mark Baynes | ETA International | Tracy Sparks | Remote Proctoring |
| EM4255498 | Michael Ellis | Crest High School | James Hamrick | Shelby NC | FOI256037 | Macky Bayquen | FiberOptic.com | David J. Cameron | Austin TX |
| EM4255638 | Joseph Espinoza | ETA International | Tracy Sparks | Remote Proctoring | FOI256268 | Michael Beers | US Air Force | Nolan W. Fischer | Sheppard AFB |
| EM4255499 | Jerry Evans | Crest High School | James Hamrick | Shelby NC | FOI256269 | Josiah Bennett | US Air Force | Nolan W. Fischer | Sheppard AFB TX |
| EM4254914 | Joshua Grant | ETA International | Tracy Sparks | Remote Proctoring | FOI255992 | Gabriel Bernal | FiberOptic.com | David J. Cameron | San Antonio TX |
| EM4255462 | Robert Ham | Coastal Pines Tech College | Thomas Wesley | Waycross GA | FOI254992 | Conner Bitner | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| EM4254899 | Charles Holder | Randleman High School | Charles P. Conrad | Randleman NC | FOI254937 | James Blanton | Light Brigade | Sean M. Sheedy | Indianapolis IN |
| EM4255070 | Ashton Kivett | Randleman High School | Charles P. Conrad | Randleman NC | FOI255014 | Shakirah Blue | OEMTD | Steven M. Miller | Ft Gordon GA |
| EM4255614 | Matthew Latham | Crest High School | James Hamrick | Shelby NC | FOI256127 | John-Jack Bogle | Ordinance Training Detachment | Joseph D. Moore | Ft Sill OK |
| EM4256250 | Javariss Lawrence | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI256070 | Joseph Boisvert | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| EM4255771 | Zibo Li | FCI Ray Brook | Matthew C. Russell | Ray Brook NY | FOI255247 | Alexander Bolta | CCoE Regional Signal Trainging Site | Richie P. Weddle | JBLM WA |
| EM4255503 | Allie MacArthur | Crest High School | James Hamrick | Shelby NC | FOI256209 | Manuel Borrayo | Light Brigade | John C. Dron | Fremont CA |
| EM4255615 | Alexander Major | Crest High School | James Hamrick | Shelby NC | FOI254972 | Jeremy Boyd | Light Brigade | Sean M. Sheedy | Birmingham AL |
| EM4255504 | Raymond Marshall | Crest High School | James Hamrick | Shelby NC | FOI254941 | Michael Boyle | Light Brigade | Paul E. Neveux | Madison WI |
| EM4255616 | Dalton Martin | Crest High School | James Hamrick | Shelby NC | FOI256084 | Mark Brink | Light Brigade | Todd H. Russell | Philadelphia PA |
| EM4254954 | Troy McGee | STRAC Institute | Francisco A. Sablan | Bellevue FL | FOI255149 | Jasmine Bronaugh | Screaming Eagle Network University | Jeffery J. Austin | Ft Campbell KY |
| EM4256058 | James Middleton | STRAC Institute | Francisco A. Sablan | Bellevue FL | FOI255718 | Tedrick Brooks | Sheppard AFB | Ronald Pierce | Sheppard AFB TX |
| EM4255639 | Sherri Moore | STRAC Institute | Francisco A. Sablan | Bellevue FL | FOI255470 | Jacob Bucklaw | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| EM4255618 | Steven Moore | Crest High School | James Hamrick | Shelby NC | FOI256272 | Edward Burns | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| EM4255658 | Luan Nguyen | WSU Tech | Joseph Varrientos | Wichita KS | FOI254929 | Robert Canales | Light Brigade | John C. Dron | Raymondville TX |
| EM4255052 | Ronald Nunez | FCI Ray Brook | Matthew C. Russell | Ray Brook NY | FOI255474 | Robert Capers | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| EM4254917 | Greg Padua | ETA International | Tracy Sparks | Remote Proctoring | FOI254977 | Eric Casares | Light Brigade | John C. Dron | Raymondville TX |
| EM4255640 | Jo'Syah Patterson | Crest High School | James Hamrick | Shelby NC | FOI255986 | Jose Castrejon | University of Massachusetts Global | Debra J. Cruickshank | Los Angeles CA |
| EM4255317 | Micky Phomkhoume | WSU Tech | Joseph Varrientos | Wichita KS | FOI255828 | Arvin Jay Cerrado | Guam Comm College | Ricky S. Tyuquengco | Tamuning GU |
| EM4255507 | James Pribble | Crest High School | James Hamrick | Shelby NC | FOI256083 | Carlos Chaves-Velando | Light Brigade | Cameron L. Karch | Kent WA |
| EM4254901 | Javier Ramirez | Randleman High School | Charles P. Conrad | Randleman NC | FOI256273 | Jacob Childs | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| EM4255053 | Isaiah Rieves | FCI Ray Brook | Matthew C. Russell | Ray Brook NY | FOI254991 | Giovanni Cisneros-Ramirez | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| EM4256121 | Grady Saint Hilaire | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI256071 | Christopher Cockrell | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| EM4255510 | Foy Satterfield | Crest High School | James Hamrick | Shelby NC | FOI254973 | Jason Coe | Light Brigade | Sean M. Sheedy | Birmingham AL |
| EM4256027 | Katherine Swann | STRAC Institute | Willie L. Burden | Ft Bragg NC | FOI255345 | Javonne Coles | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| EM4255751 | Evan Takerer | Lincoln Tech Institute | Jeffrey A. Miller | Allentown PA | FOI256302 | Mett Cormier | University of Massachusetts Global | Eugene R. Morales Jr | Lafayette LA |
| EM4255623 | Nathaniel Terry | Crest High School | James Hamrick | Shelby NC | FOI256036 | Christian Corpuz | FiberOptic.com | David J. Cameron | Austin TX |
| EM4255695 | Richard Thornton | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI255736 | Dustin Coslin | Light Brigade | Phil J. Shoemaker | Santa Fe NM |
| EM4255694 | David Vega | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI255531 | Gregory Cox | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| EM4255660 | Sean Vickers | WSU Tech | Joseph Varrientos | Wichita KS | FOI256039 | Robert Crocker | FiberOptic.com | David J. Cameron | Austin TX |
| EM4254905 | Thomas Whitaker | Randleman High School | Charles P. Conrad | Randleman NC | FOI256303 | James Cruca | University of Massachusetts Global | Eugene R. Morales Jr | Lafayette LA |
| Electronics Modules - Comprehensive (EM5) | | | | | FOI255353 | Calvin Darnell | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| EM5255773 | Kieta Armstead | FCI Ray Brook | Matthew C. Russell | Ray Brook NY | FOI254995 | Jeffrey Davidson | KITCO Fiber Optics | Felipe Guadalupe | Virginia Beach VA |
| EM5255151 | Tsimur Babakhanau | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL | FOI255989 | Steve Davila | FiberOptic.com | David J. Cameron | San Antonio TX |
| EM5256349 | Darryl Board | FCI Ray Brook | Matthew C. Russell | Ray Brook NY | FOI256075 | Joshua De Leon | Light Brigade | Sean M. Sheedy | Los Angeles CA |
| EM5256158 | Marc Brown | STRAC Institute | Zachary Barrett | Providence RI | FOI256035 | JR Dean | FiberOptic.com | David J. Cameron | Austin TX |
| EM5255153 | Miguel Ceballos | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL | FOI255830 | Jeric Dela Cruz | Guam Comm College | Ricky S. Tyuquengco | Tamuning GU |
| EM5255000 | Carlos Espinoza | ETA International | Tracy Sparks | Remote Proctoring | FOI255826 | Jonaven Dela Cruz | Guam Comm College | Ricky S. Tyuquengco | Tamuning GU |
| EM5256111 | Joseph Espinoza | STRAC Institute | Zachary Barrett | Providence RI | FOI255308 | Carlyle Dell | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| EM5255157 | Joshua Grant | ETA International | Tracy Sparks | Remote Proctoring | FOI254969 | Matt Dellacrocce | Light Brigade | John C. Dron | Colorado Springs CO |
| EM5254951 | Matthew Jameson | ETA International | Tracy Sparks | Remote Proctoring | FOI255737 | Joel Deneuf | Light Brigade | Paul E. Neveux | Savannah GA |
| EM5255436 | Bernard Lindsey | FCI Ray Brook | Matthew C. Russell | Ray Brook NY | FOI255023 | Austin Despard | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| EM5255671 | Troy McGee | STRAC Institute | Francisco A. Sablan | Bellevue FL | FOI255025 | Christopher Despard | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| EM5256231 | James Middleton | STRAC Institute | Francisco A. Sablan | Ocala FL | FOI255359 | Dalton Desrochers | Light Brigade | Cameron L. Karch | Fairbanks AK |
| EM5255662 | Sherri Moore | STRAC Institute | Francisco A. Sablan | Bellevue FL | FOI255360 | Daniel Diaz | Light Brigade | Cameron L. Karch | Fairbanks AK |
| EM5255263 | Greg Padua | ETA International | Tracy Sparks | Remote Proctoring | FOI256076 | Vladimir Diaz | Light Brigade | Sean M. Sheedy | Los Angeles CA |
| EM5255161 | Artelia Postell | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL | FOI256072 | Nathan DiNatale | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| EM5256122 | Grady Saint Hilaire | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI256274 | Tevonne Dorsey | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| EM5255162 | Bryan Santana | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL | FOI254974 | Gregory Drake | Light Brigade | Sean M. Sheedy | Birmingham AL |
| EM5255163 | Nicolas Shubin | George T Baker Aviation Tech Coll | Howard Carter Jr | Miami FL | FOI255232 | Ashton Duke | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| EM5256115 | Richard Thornton | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI256304 | David Duncan | University of Massachusetts Global | Eugene R. Morales Jr | Lafayette LA |
| EM5256154 | David Vega | STRAC Institute | Christopher M. Stayton | Orlando FL | FOI255027 | Larry Dungan | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| Electronic Security Networking Technician (ESNT) | | | | | FOI255972 | Dakota Dutton | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL |
| ESNT255582 | Arturo Chumbe | ETA International | Tracy Sparks | Remote Proctoring | FOI255983 | Verrico Edwards | FiberOptic.com | David J. Cameron | San Antonio TX |
| ESNT255583 | Alejandro Venegas | ETA International | Tracy Sparks | Remote Proctoring | FOI256275 | Xavier Edwards | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| Fiber Optics Installer (FOI) | | | | | FOI255242 | Jesus Encinas | CCoE Regional Signal Trainging Site | Richie P. Weddle | JBLM WA |
| FOI254940 | Nick Acerbi | Light Brigade | Paul E. Neveux | Madison WI | FOI256067 | Landon Estes | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| FOI255136 | Luis Agramonte-Curet | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI256095 | Brandon Faison | Light Brigade | Jeffrey A. Noble | Orlando FL |
| FOI256301 | Brian Aguigui | Pacific Signal University | Marc R. Bauzon | Wahiawa HI | FOI255988 | Raymond Farias | FiberOptic.com | David J. Cameron | San Antonio TX |
| FOI256062 | Paul Alcala | Texas State Tech College Harlingen | David Sanchez | Harlingen TX | FOI255525 | James Farrar | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| FOI254928 | John Amador | Light Brigade | John C. Dron | Raymondville TX | FOI255015 | Joshua Favre | OEMTD | Steven M. Miller | Ft Gordon GA |
| FOI255037 | Jason Aquino | Guam Comm College | Terry F. Kuper | Mangilao GU | FOI255098 | Mark Feedback | Light Brigade | Sean M. Sheedy | Modesta CA |
| FOI255141 | Derek Arndt | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI255039 | Matthew Fernandez | Guam Comm College | Terry F. Kuper | Mangilao GU |
| FOI255735 | Ryan Atkinson | Light Brigade | Paul E. Neveux | Savannah GA | FOI255491 | Troy Finley | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI256108 | John Bailey | KITCO Fiber Optics | Felipe Guadalupe | Virginia Beach VA | FOI255540 | Theodore Finnell | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| | | | | | FOI255029 | Arnett Flowers | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| | | | | | FOI255973 | Jacob Foldenauer | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL |
| | | | | | FOI255244 | Ronnie Fong Diaz | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| | | | | | FOI255135 | Anthony Fortuna | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| | | | | | FOI256276 | Jaelin Fountain | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |

NEW ETA CERTIFIED TECHNICIANS

The following is a list of professionals who have earned new certifications between December 1, 2021 and January 31, 2022 under one or more of ETA International's 90+ certification programs. Names of these highly qualified technicians have earned ETA's formal endorsement and approval.

| CERT. # | NAME | SCHOOL | PROCTOR | CITY | CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|-----------|-----------------------------|------------------------------------|----------------------|-------------------|-----------|--------------------------|------------------------------------|----------------------|---------------------|
| FOI256079 | Timothy Fowlkes | Light Brigade | Cameron L. Karch | Kent WA | FOI255744 | Ludon Mitchell | Light Brigade | Paul E. Neveux | Savannah GA |
| FOI256041 | Brian Fry | FiberOptic.com | David J. Cameron | Austin TX | FOI254989 | Trinity Molliver | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| FOI255097 | Nataanael Garcia | US Air Force | Nolan W. Fischer | Holloman AFB NM | FOI255103 | Timothy Monette | Light Brigade | Sean M. Sheedy | Modesto CA |
| FOI256277 | Rodney Gardner | Phantom Warrior Signal Academy | Jeffrey M. Jones | Fi Hood TX | FOI255979 | James Morgan | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL |
| FOI256096 | Alvin Gilmer | Light Brigade | Jeffrey A. Noble | Orlando FL | FOI255459 | George W. Munyallo | Computer Learning Center | George W. Munyallo | Nairobi Kenya |
| FOI256151 | Nilson Gitau | Computer Learning Center | George W. Munyallo | Westlands Nairobi | FOI255357 | Jèrka Murray | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOI255719 | Mason Glad | Sheppard AFB | Ronald Pierce | Sheppard AFB TX | FOI256092 | Ronald Nard | Light Brigade | Phil J. Shoemaker | Dallas TX |
| FOI255099 | Vance Gonzales | Light Brigade | Sean M. Sheedy | Modesto CA | FOI255495 | Braden Nault | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI255980 | Lemuel Gonzalez | FiberOptic.com | David J. Cameron | San Antonio TX | FOI255493 | Samuel Navarro | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI254979 | Oscar Gonzalez | Light Brigade | John C. Dron | Raymondville TX | FOI254946 | Derek Neal | Light Brigade | Cameron L. Karch | Kent WA |
| FOI256309 | Courie Goodly | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles LA | FOI254935 | Bradley Nelson | Light Brigade | Jeffrey A. Noble | Des Moines IA |
| FOI256288 | Ryan Gordon | OEMTD | Ryan R. Gilboy | Fi Sill OK | FOI256296 | Minh Nguyen | Light Brigade | John C. Dron | Fremont CA |
| FOI255147 | Zonius Gordon | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI255231 | Robert Nicoletti | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI256085 | Carlos Goyo | Light Brigade | Todd H. Russell | Philadelphia PA | FOI256261 | Michael Nielsen | KITCO Fiber Optics | William R. Ralston | Virginia Beach VA |
| FOI255949 | Omaree Graham | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA | FOI255142 | DaShawn Nixon | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI254999 | Kjell Granlund | KITCO Fiber Optics | Felipe Guadalupe | Virginia Beach VA | FOI255458 | Frederick Nyamai | Computer Learning Center | George W. Munyallo | Nairobi Kenya |
| FOI254938 | Steve Graves | Light Brigade | Sean M. Sheedy | Indianapolis IN | FOI255132 | Jayden Oberosler | Light Brigade | John C. Dron | Colorado Springs CO |
| FOI255139 | Terrence Gray | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI255985 | Diego Ocampo | University of Massachusetts Global | Debra J. Cruickshank | Los Angeles CA |
| FOI256310 | Alfred Guillory | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles LA | FOI255978 | Julian Olguin | FiberOptic.com | David J. Cameron | San Antonio TX |
| FOI256311 | Joshua Guillory | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles LA | FOI255976 | Mike Olguin | FiberOptic.com | David J. Cameron | San Antonio TX |
| FOI255425 | Bobbi Gunderson | The Splicer Lease School | Marcus T. Williams | Houston TX | FOI255212 | Christina Olivares | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI256000 | Seth Hamer | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL | FOI255138 | Christopher Olson | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI255016 | Jacob Harms | OEMTD | Steven M. Miller | Fi Gordon GA | FOI255031 | Christopher Orf | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI256305 | Yon S Harris | University of Massachusetts Global | Eugene R. Morales Jr | Lafayette LA | FOI255457 | Edward Otingo | Computer Learning Center | George W. Munyallo | Nairobi Kenya |
| FOI256029 | Jerry Harvey | FiberOptic.com | David J. Cameron | Orlando FL | FOI255745 | Tyler Pace | Light Brigade | Paul E. Neveux | Savannah GA |
| FOI256107 | Angela Hayes | KITCO Fiber Optics | Felipe Guadalupe | Virginia Beach VA | FOI255367 | Jordan Pascoe | Light Brigade | Cameron L. Karch | Fairbanks AK |
| FOI255144 | Enrique Hernandez | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI255033 | Zachary Pebley | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI255956 | Felix Hernandez | Wharton County Junior College | J.B. Groves III | Richmond TX | FOI254947 | Brandon Peck | Light Brigade | Cameron L. Karch | Kent WA |
| FOI255947 | Timothy Herzfeld | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA | FOI255994 | Mark Pelfrey | FiberOptic.com | David J. Cameron | Denver CO |
| FOI254996 | Darrell Hill | KITCO Fiber Optics | Felipe Guadalupe | Virginia Beach VA | FOI255351 | Mitchell Pelton | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOI256312 | Allen Hoffpauir | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles | FOI255721 | Richard Perry | Sheppard AFB | Ronald Pierce | Sheppard AFB TX |
| FOI256259 | Jason Hollifield | KITCO Fiber Optics | William R. Ralston | Virginia Beach VA | FOI256077 | William Perry | Light Brigade | Sean M. Sheedy | Los Angeles CA |
| FOI254944 | Jesse Howell | Light Brigade | Cameron L. Karch | Kent WA | FOI256262 | Lars Petelle | KITCO Fiber Optics | William R. Ralston | Virginia Beach VA |
| FOI255239 | Mitchell Hoyer | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI255426 | Jan Mig Petli | Guam Comm College | Terry F. Kuper | Mangilao GU |
| FOI255975 | Jake Hunter | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL | FOI255939 | Frank Petit | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOI256086 | Michael Irwin | Light Brigade | Todd H. Russell | Philadelphia PA | FOI255746 | Jeffrey Phillip | Light Brigade | Phil J. Shoemaker | Santa Fe NM |
| FOI255220 | Christopher Jenkins | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI255106 | Kevin Pierce | Light Brigade | Sean M. Sheedy | Modesto CA |
| FOI256089 | Craig Jenkins | Light Brigade | Phil J. Shoemaker | Dallas TX | FOI255019 | Freeman Pigeon | OEMTD | Steven M. Miller | Fi Gordon GA |
| FOI256098 | Christopher Jernigan | Light Brigade | Jeffrey A. Noble | Orlando FL | FOI256030 | Rudell Pirtle | FiberOptic.com | David J. Cameron | Orlando FL |
| FOI255134 | James Johnson | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI256307 | Quincy Polk | University of Massachusetts Global | Eugene R. Morales Jr | Lafayette LA |
| FOI255720 | Jarrett Johnson | Sheppard AFB | Ronald Pierce | Sheppard AFB TX | FOI255512 | Brian Prince | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI255987 | Stephen Johnson | Light Brigade | Cameron L. Karch | Portland OR | FOI256133 | Ryan Prokesch | Ordnance Training Detachment | Joseph D. Moore | Ft Sill OK |
| FOI256080 | Michael Jones | Light Brigade | Cameron L. Karch | Kent WA | FOI256271 | Kane Prozzillo | US Air Force | Nolan W. Fischer | Sheppard AFB TX |
| FOI256091 | Stephen Jones | Light Brigade | Phil J. Shoemaker | Dallas TX | FOI254930 | Edward Puentes | Light Brigade | John C. Dron | Raymondville TX |
| FOI254993 | Colin Kenoyer | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX | FOI256081 | Lemuel Pulkabek | Light Brigade | Cameron L. Karch | Kent WA |
| FOI255102 | Darren Klika | Light Brigade | Sean M. Sheedy | Modesto CA | FOI255722 | Daisha-Mae Ramilo | Sheppard AFB | Ronald Pierce | Sheppard AFB TX |
| FOI254939 | Austin Klengerman | Light Brigade | Sean M. Sheedy | Indianapolis IN | FOI255747 | Austin Ravita | Light Brigade | Paul E. Neveux | Savannah GA |
| FOI255361 | John Koegle | Light Brigade | Cameron L. Karch | Fairbanks AK | FOI255748 | Tyler Ravita | Light Brigade | Paul E. Neveux | Savannah GA |
| FOI255017 | Eric Kostrom | OEMTD | Steven M. Miller | Fi Gordon GA | FOI255990 | Stephen Ray | FiberOptic.com | David J. Cameron | San Antonio TX |
| FOI255316 | Thomas Kuper | L-K Communications | John B. Limtiao | Dededo GU | FOI255020 | Breanna Redden | OEMTD | Steven M. Miller | Fi Gordon GA |
| FOI255740 | Richard La Pierre | Light Brigade | Phil J. Shoemaker | Santa Fe NM | FOI256082 | Austin Reise | Light Brigade | Cameron L. Karch | Kent WA |
| FOI255634 | Justin Lake | Phantom Warrior Signal Academy | Jeffrey M. Jones | Fi Hood TX | FOI255243 | Juan Rexach | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI254974 | Brandon LaQue | FiberOptic.com | David J. Cameron | San Antonio TX | FOI256055 | Richard Reyes | FiberOptic.com | David J. Cameron | Austin TX |
| FOI256306 | Garrett Lassalle | University of Massachusetts Global | Eugene R. Morales Jr | Lafayette LA | FOI254948 | Armando Reyes Gutierrez | Light Brigade | Cameron L. Karch | Kent WA |
| FOI254975 | William Lenoir | Light Brigade | Sean M. Sheedy | Birmingham AL | FOI256135 | Dhanti Reyes Rodriguez | Ordnance Training Detachment | Joseph D. Moore | Fi Sill OK |
| FOI254942 | Garrett Lettman | Light Brigade | Paul E. Neveux | Madison WI | FOI254981 | Hector Reyna | Light Brigade | John C. Dron | Raymondville TX |
| FOI255146 | Jalon Lewis | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI256038 | Thomas Riggins | FiberOptic.com | David J. Cameron | Austin TX |
| FOI255977 | James Lindsay | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL | FOI255957 | Catherine Rivera | Wharton County Junior College | J.B. Groves III | Richmond TX |
| FOI256033 | Mark Linkiewicz | FiberOptic.com | David J. Cameron | Austin TX | FOI255945 | Richard Roberts | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOI256074 | Luis Llamas de la Vega | Light Brigade | Sean M. Sheedy | Los Angeles CA | FOI256280 | Jumoke Robinson | Phantom Warrior Signal Academy | Jeffrey M. Jones | Fi Hood TX |
| FOI255248 | James Love | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA | FOI255217 | Jesse Rocha | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI255732 | Rodney Lucero | Light Brigade | Phil J. Shoemaker | Santa Fe NM | FOI254722 | Roy Rocha | Texas State Tech College Harlingen | David Sanchez | Harlingen TX |
| FOI256087 | Charles Luckham | Light Brigade | Todd H. Russell | Philadelphia PA | FOI255733 | Diego Rodriguez | Light Brigade | Paul E. Neveux | Savannah GA |
| FOI255607 | Rojas Orellana Luis Rodrigo | Brainanomics Inst de Tec Aplicada | Fabiola Miranda | Santiago Chile | FOI255749 | Kevin Romero | Light Brigade | Phil J. Shoemaker | Santa Fe NM |
| FOI256129 | Andres Luna | Ordnance Training Detachment | Joseph D. Moore | Fi Sill OK | FOI256068 | Kevin Rosario Garcia | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| FOI256278 | Chi Tuan Mach | Phantom Warrior Signal Academy | Jeffrey M. Jones | Fi Hood TX | FOI256099 | Samuel Rosario Perez | Light Brigade | Jeffrey A. Noble | Orlando FL |
| FOI255347 | Brian Maloney | OEMTD | Ryan R. Gilboy | Fi Sill OK | FOI256315 | Alejandro Ruiz-Bocanegra | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles LA |
| FOI256313 | Shannon Manning | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles LA | FOI255233 | Dalton Runnebaum | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI255821 | Vincent Marino | Casper College | Megan E. Graham | Casper WY | FOI255349 | Matthew Sandefur | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOI254233 | Curtis Marshall | University of Massachusetts Global | Eric L. Ingram | Tampa FL | FOI254950 | Thomas Saunders | Light Brigade | Cameron L. Karch | Kent WA |
| FOI255018 | Donovan Martin | OEMTD | Steven M. Miller | Fi Gordon GA | FOI255993 | Jonathan Schroeder | FiberOptic.com | David J. Cameron | Denver CO |
| FOI255355 | Jean Martinez Fernandez | OEMTD | Ryan R. Gilboy | Fi Sill OK | FOI255363 | Ole Seim | Light Brigade | Cameron L. Karch | Fairbanks AK |
| FOI254720 | Ricardo Mascorro | Texas State Tech College Harlingen | David Sanchez | Harlingen TX | FOI256034 | Joseph Selvera | FiberOptic.com | David J. Cameron | Austin TX |
| FOI255741 | Fred Mashburn | Light Brigade | Phil J. Shoemaker | Santa Fe NM | FOI255368 | Steven Shaner | Light Brigade | Cameron L. Karch | Fairbanks AK |
| FOI255362 | KC Mathews | Light Brigade | Cameron L. Karch | Fairbanks AK | FOI255143 | Nicholas Sharp | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI256314 | James McDonald | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles LA | FOI255951 | Nicholas Sheehan | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOI256276 | Ryan McGhee | US Air Force | Nolan W. Fischer | Sheppard AFB TX | FOI254994 | Jacob Shelley | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| FOI256131 | Nicstin Millare | Ordnance Training Detachment | Joseph D. Moore | Fi Sill OK | FOI254952 | Raymond Siburkis | Light Brigade | Cameron L. Karch | Kent WA |
| FOI254945 | Brady Miller | Light Brigade | Cameron L. Karch | Kent WA | FOI255991 | Sean Silich | FiberOptic.com | David J. Cameron | San Antonio TX |
| FOI255742 | Caulan Miller | Light Brigade | Paul E. Neveux | Savannah GA | FOI255364 | Kris Sisseck | Light Brigade | Cameron L. Karch | Fairbanks AK |
| FOI254990 | Cameron Mitchell | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX | FOI256031 | Jason Smith | FiberOptic.com | David J. Cameron | Austin TX |

| CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|-----------|--------------------|-------------------------------------|----------------------|-------------------|
| FOI256101 | Scott Smith | Light Brigade | Jeffrey A. Noble | Orlando FL |
| FOI256316 | Aaron Sonnier | University of Massachusetts Global | Eugene R. Morales Jr | Lake Charles LA |
| FOI256032 | Sophan Sorm | FiberOptics.com | David J. Cameron | Austin TX |
| FOI255137 | Esdras Sotomendez | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI255958 | Joshua Stoffel | Wharton County Junior College | J.B. Groves III | Richmond TX |
| FOI255109 | Parker Stone | Light Brigade | Sean M. Sheedy | Modesto CA |
| FOI254936 | Noah Studebaker | Light Brigade | Jeffrey A. Noble | Des Moines IA |
| FOI255514 | Sean Sturgeon | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI255365 | Josh Sturm | Light Brigade | Cameron L. Karch | Fairbanks AK |
| FOI254976 | Travis Sumrall | Light Brigade | Sean M. Sheedy | Birmingham AL |
| FOI255148 | Savion Taylor | CCoE Regional Signal Training Site | Richie P. Weddle | Allen TX |
| FOI256308 | Scott Thomas | University of Massachusetts Global | Eugene R. Morales Jr | Lafayette LA |
| FOI255236 | Gregory Thompson | CCoE Regional Signal Trainging Site | Richie P. Weddle | JBLM WA |
| FOI256040 | Mark Tiana | FiberOptic.com | David J. Cameron | Austin TX |
| FOI254932 | Alfredo Tijerina | Light Brigade | John C. Dron | Raymondville TX |
| FOI255133 | Isaac Toohy | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI255984 | Andrew Toot | University of Massachusetts Global | Debra J. Cruickshank | Los Angeles CA |
| FOI254723 | Eber Trejo | Texas State Tech College Harlingen | David Sanchez | Harlingen TX |
| FOI255366 | Christopher Tucker | Light Brigade | Cameron L. Karch | Fairbanks AK |
| FOI256078 | Amos Usman | Light Brigade | Sean M. Sheedy | Los Angeles CA |
| FOI256069 | Matthew Uy | 364 TRS TTKMS | Jacob A. Williams | Sheppard AFB TX |
| FOI256137 | Steven Vang | Ordnance Training Detachment | Joseph D. Moore | Ft Sill OK |
| FOI255110 | Steve Vantz | Light Brigade | Sean M. Sheedy | Modesto CA |
| FOI254933 | Eric Ventura | Light Brigade | John C. Dron | Raymondville TX |
| FOI254982 | Mario Vicencio | Light Brigade | John C. Dron | Raymondville TX |
| FOI255982 | Joshua Wagnon | University of Massachusetts Global | Cyril H. Bryan | Huntsville AL |
| FOI255524 | Ishmaiy Walker | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| FOI254956 | Joshua Wallace | Light Brigade | Cameron L. Karch | Kent WA |
| FOI254956 | Casey Walton | Light Brigade | Cameron L. Karch | Kent WA |
| FOI256282 | Jordan Wedde | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| FOI255822 | Charles Whalen | Casper College | Megan E. Graham | Casper WY |
| FOI255245 | Cody Whitlow | CCoE Regional Signal Trainging Site | Richie P. Weddle | JBLM WA |
| FOI255246 | Kenyatta Woodard | CCoE Regional Signal Trainging Site | Richie P. Weddle | JBLM WA |
| FOI255534 | Darrell Wright | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| FOI254997 | Matthew Wyatt | KITCO Fiber Optics | Felipe Guadalupe | Virginia Beach VA |
| FOI256284 | Malik Young | Phantom Warrior Signal Academy | Jeffrey M. Jones | Ft Hood TX |
| FOI255829 | Allen Yugmag | Guam Comm College | Ricky S. Tyquingco | Tamuning GU |
| FOI255140 | Joshua Neil Yusico | CCoE Regional Signal Training Site | Richie P. Weddle | JBLM WA |
| FOI255113 | Steven Zamarron | Light Brigade | Sean M. Sheedy | Modesto CA |
| FOI255516 | Nicholas Zdan | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOI254962 | Greg Zemanek | Light Brigade | Cameron L. Karch | Kent WA |

Fiber Optics Technician-Outside Plant (FOT-OSP)

| | | | | |
|------------|---------------------|-------------------------|-------------------|------------------|
| FOSP254922 | Josiah Burks | Light Brigade | Sean M. Sheedy | Seattle WA |
| FOSP256236 | Jamol Charles | Jayceum and Company | Jason Monsegue | Trinidad WI |
| FOSP256049 | Charles Chopping | S&S Solutions LLC | Charles Pehl Jr | Mesa AZ |
| FOSP254983 | Brent Dekker | Light Brigade | Phil J. Shoemaker | Santa Antonio TX |
| FOSP256051 | Daniel Falk | S&S Solutions LLC | Charles Pehl Jr | Mesa AZ |
| FOSP255131 | David Fletcher | Light Brigade | Sean M. Sheedy | Seattle WA |
| FOSP256239 | Shakim Fletcher | Jayceum and Company | Jason Monsegue | Trinidad WI |
| FOSP254987 | James Glorioso | VanTek Consulting LLC | Keith Van Wemmer | Tuscon AZ |
| FOSP256290 | Austin Henggeler | Light Brigade | Phil J. Shoemaker | Jonesburg MO |
| FOSP254923 | Earl Johnson | Light Brigade | Sean M. Sheedy | Seattle WA |
| FOSP255358 | Miles Johnson | Light Brigade | Cameron L. Karch | Kent WA |
| FOSP254924 | Jeffrey Lemay | Light Brigade | Sean M. Sheedy | Seattle WA |
| FOSP256052 | Clarence McAllister | S&S Solutions LLC | Charles Pehl Jr | Mesa AZ |
| FOSP256291 | Chase McCleary | Light Brigade | Phil J. Shoemaker | Jonesburg MO |
| FOSP254925 | Bradley Mechelke | Light Brigade | Sean M. Sheedy | Seattle WA |
| FOSP256053 | Dan Miller | S&S Solutions LLC | Charles Pehl Jr | Mesa AZ |
| FOSP254926 | Martin Pace | Light Brigade | Sean M. Sheedy | Seattle WA |
| FOSP256241 | Hannah Pascal | Jayceum and Company | Jason Monsegue | Trinidad WI |
| FOSP256292 | Dylan Patton | Light Brigade | Phil J. Shoemaker | Jonesburg MO |
| FOSP254927 | Robert Prosser | Light Brigade | Sean M. Sheedy | Seattle WA |
| FOSP256293 | Joshua Rogers | Sellenriek Construction | Phil J. Shoemaker | Jonesburg MO |
| FOSP254988 | Edward Ryan | VanTek Consulting LLC | Keith Van Wemmer | Tuscon AZ |
| FOSP256244 | Brandon Stephen | Jayceum and Company | Jason Monsegue | Trinidad WI |
| FOSP254985 | Manuel Sustaita | Light Brigade | Phil J. Shoemaker | Santa Antonio TX |
| FOSP256294 | Brian Tank | Light Brigade | Phil J. Shoemaker | Jonesburg MO |
| FOSP256295 | Keegan Wirths | Light Brigade | Phil J. Shoemaker | Jonesburg MO |

Fiber Optics Technician (FOT)

| | | | | |
|-----------|---------------------|------------------------------------|----------------------|--------------|
| FOT255467 | Tina Barker | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255022 | Troy Barras | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255729 | Keith Bennett | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |
| FOT255056 | Shakirah Blue | OEMTD | Steven M. Miller | FT Gordon GA |
| FOT256128 | John-Jack Bogle | Ordnance Training Detachment | Joseph D. Moore | Ft Sill OK |
| FOT255006 | Alexander Broderick | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255472 | Jacob Bucklaw | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255007 | Diego Candelaria | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255475 | Robert Capers | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255725 | John Caputo | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |

| | | | | |
|-----------|-------------------------|------------------------------------|----------------------|-------------------|
| CERT. # | NAME | SCHOOL | PROCTOR | CITY |
| FOT255346 | Javonne Coles | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOT255354 | Calvin Darnell | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOT255024 | Austin Despard | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255026 | Christopher Despard | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255028 | Larry Dungan | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255057 | Joshua Favre | OEMTD | Steven M. Miller | FT Gordon GA |
| FOT255492 | Troy Finley | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255030 | Arnett Flowers | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT256319 | Anthony Gabaldon | University of Massachusetts Global | Eric K. Edison | Los Angeles CA |
| FOT256320 | Angel Garcia | University of Massachusetts Global | Eric K. Edison | Los Angeles CA |
| FOT256321 | Osvaldo Gomez | University of Massachusetts Global | Eric K. Edison | Los Angeles CA |
| FOT255728 | Jacob Gonzales | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |
| FOT256289 | Ryan Gordon | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOT255731 | Stephen Graff | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |
| FOT255950 | Omaree Graham | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOT255008 | Trevor Green | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255058 | Jacob Harms | OEMTD | Steven M. Miller | FT Gordon GA |
| FOT255009 | Joel Henly | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255948 | Timothy Herzfeld | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOT255303 | Christopher Jacobs | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255965 | Rodel Jimogao | University of Massachusetts Global | Eugene R. Morales Jr | Colton CA |
| FOT255966 | Jaime Juarez | University of Massachusetts Global | Eugene R. Morales Jr | Colton CA |
| FOT255304 | Edvan Kemper | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255724 | Chris Kimmel | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |
| FOT255066 | Eric Kostron | OEMTD | Steven M. Miller | FT Gordon GA |
| FOT255010 | Karen Lagullo | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255967 | Carlos Larios | University of Massachusetts Global | Eugene R. Morales Jr | Colton CA |
| FOT255968 | Edgar Leyva | University of Massachusetts Global | Eugene R. Morales Jr | Colton CA |
| FOT256130 | Andres Luna | Ordnance Training Detachment | Joseph D. Moore | Ft Sill OK |
| FOT255348 | Brian Maloney | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOT254234 | Curtis Marshall | University of Massachusetts Global | Eric L. Ingram | Tampa FL |
| FOT255059 | Dorovan Martin | OEMTD | Steven M. Miller | FT Gordon GA |
| FOT255356 | Jean Martinez Fernandez | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOT255969 | Danny Mejia | University of Massachusetts Global | Eugene R. Morales Jr | Colton CA |
| FOT255970 | Ricard Mendez | University of Massachusetts Global | Eugene R. Morales Jr | Colton CA |
| FOT256132 | Nicstin Millare | Ordnance Training Detachment | Joseph D. Moore | Ft Sill OK |
| FOT255496 | Braden Nault | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255494 | Samuel Navarro | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255730 | Michael Neat | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |
| FOT255032 | Christopher Orf | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255034 | Zachary Pebley | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255352 | Mitchell Pelton | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOT255940 | Frean Petit | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOT255060 | Freeman Pigeon | OEMTD | Steven M. Miller | FT Gordon GA |
| FOT255513 | Hunter Prince | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT256134 | Ryan Prokesch | Ordnance Training Detachment | Joseph D. Moore | Ft Sill OK |
| FOT255723 | Everardo Ramirez | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |
| FOT255061 | Breanna Redden | OEMTD | Steven M. Miller | FT Gordon GA |
| FOT256136 | Dhani Reyes Rodriguez | Ordnance Training Detachment | Joseph D. Moore | Ft Sill OK |
| FOT255726 | Jim Roberts | University of Massachusetts Global | Eugene R. Morales Jr | Irvine CA |
| FOT255946 | Richard Roberts | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOT255307 | Cesar Rodea-Carbajal | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255305 | Matthew Sandefur | OEMTD | Ryan R. Gilboy | Ft Sill OK |
| FOT255952 | Nicholas Sheehan | KITCO Fiber Optics | Brice M. Wilson | Virginia Beach VA |
| FOT255012 | Michael Short | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255515 | Sean Sturgeon | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |
| FOT255013 | Zitong Wang | OEMTD | Austin M. Bejosano | Ft Gordon GA |
| FOT255517 | Nicholas Zdan | Amphenol Fiber Systems Int | Brian M. Shirk | Allen TX |

General Communications Technician - Level 1 (GCT1)

| | | | | |
|------------|--------------------|-----------------------|-------------------|---------------|
| GCT1255713 | Nate Bressler | ETA International | Dean W. Jacobs | Harrisburg PA |
| GCT1255804 | William Butcher | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255801 | David Castillo | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255798 | Adam Christine | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255794 | Christopher Cisco | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255791 | Caleb Coppinger | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255785 | Alvaro Mejia | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255783 | Ivan Melendez | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255780 | Tommy Silvers | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255778 | Nicholas Whitworth | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
| GCT1255775 | Michael Ybarra | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |

Information Technology Security (ITS)

| | | | | |
|-----------|----------------|----------|-------------------|----------------|
| ITS255964 | Caleb Countess | Rollover | ETA International | Greencastle IN |
|-----------|----------------|----------|-------------------|----------------|

Line and Antenna Sweep (LAS)

| | | | | |
|-----------|----------------|-----------------------|-------------------|----------|
| LAS255777 | Charles Wojtek | IWA Tech Services Inc | Ira M. Wiesenfeld | Bryan TX |
|-----------|----------------|-----------------------|-------------------|----------|

Mobile Communications and Electronics Installer (MCEI)

| | | | | |
|------------|-------------------|-------------------|--------------|-------------------|
| MCEI255450 | Andy Fuller | ETA International | Tracy Sparks | Remote Proctoring |
| MCEI256286 | Nikita Panitchkin | ETA International | Tracy Sparks | Remote Proctoring |

NEW ETA CERTIFIED TECHNICIANS

The following is a list of professionals who have earned new certifications between December 1, 2021 and January 31, 2022 under one or more of ETA International's 90+ certification programs. Names of these highly qualified technicians have earned ETA's formal endorsement and approval.

| CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|---|---------------------|----------|-------------------|----------------|
| Network Systems Technician (NST) | | | | |
| NST256187 | Sheldon Robert Weir | Rollover | ETA International | Greencastle IN |

| | | | | |
|--|-------------------|--------------------------------|--------------------|---------------|
| Photovoltaic Installer - Level 1 (PV11) | | | | |
| PV11256211 | Rose Bishoff | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256213 | Colby Claggett | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256214 | Sydney Daniels | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256215 | Austin Driggs | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11255156 | Chad-Robert Emery | Heartland Comm College | Christopher Miller | Normal IL |
| PV11256216 | Caleb Lantz | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256219 | Logan McVicker | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256220 | Josh Phillips | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256222 | Tiffany Shepherd | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256223 | Justin Smith | Blue Rock Station | Jay Warmke | Zanesville OH |
| PV11256198 | Nia Thompson | SBCS Global Learning Institute | Devanand Mastay | Trinidad WI |
| PV11254764 | Sinclair Williams | Vector Technology Institute | Joseph C. Weeks | Bermuda |

| | | | | |
|---|-----------------|-------------------|--------------|-------------------|
| Communication Site Installer (R56) | | | | |
| R56255707 | James Backer | ETA International | Tracy Sparks | Remote Proctoring |
| R56254845 | Daniel Bettes | ETA International | Tracy Sparks | Remote Proctoring |
| R56255764 | Elijah Bradford | ETA International | Tracy Sparks | Remote Proctoring |
| R56255381 | Michael Cowgill | ETA International | Tracy Sparks | Remote Proctoring |
| R56255370 | Jason Darnall | ETA International | Tracy Sparks | Remote Proctoring |
| R56255709 | Bradley Hammond | ETA International | Tracy Sparks | Remote Proctoring |
| R56255577 | Jose Najera | ETA International | Tracy Sparks | Remote Proctoring |
| R56255208 | Matthew Rule | ETA International | Tracy Sparks | Remote Proctoring |

| | | | | |
|---|-------------------|--------------------------------|------------------|---------------|
| Student Electronics Technician (SET) | | | | |
| ST255670 | Alfred Collevchio | Carbon Career & Tech Institute | Joseph S. Farkas | Jim Thorpe PA |

| CERT. # | NAME | SCHOOL | PROCTOR | CITY |
|----------|---------------|--------------------------------|------------------|---------------|
| ST255279 | Joshua Keys | Hinds Comm College | Jacob E. Wright | Raymond MS |
| ST255665 | Connor Snyder | Carbon Career & Tech Institute | Joseph S. Farkas | Jim Thorpe PA |

| | | | | |
|--|--------------------|--------------------|----------------|-----------|
| SAE Fiber Optics Fabricator (SFF) | | | | |
| SFF255938 | Christine Asiatico | KITCO Fiber Optics | Mark M. Myland | Dallas TX |
| SFF255931 | Nathaniel Kearney | KITCO Fiber Optics | Mark M. Myland | Dallas TX |
| SFF255930 | Shawn McCormick | KITCO Fiber Optics | Mark M. Myland | Dallas TX |
| SFF255937 | Zachery Monsma | KITCO Fiber Optics | Mark M. Myland | Dallas TX |
| SFF255932 | Ryan Sanders | KITCO Fiber Optics | Mark M. Myland | Dallas TX |
| SFF255929 | Dean Spencer | KITCO Fiber Optics | Mark M. Myland | Dallas TX |
| SFF255933 | Todd Vlk | KITCO Fiber Optics | Mark M. Myland | Dallas TX |
| SFF255936 | Brian Wilkerson | KITCO Fiber Optics | Mark M. Myland | Dallas TX |

| | | | | |
|-----------------------------------|-------------------|-----------------------|-------------------|--------------|
| Small Wind Installer (SWI) | | | | |
| SWI1255995 | Kyle Andis | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1255996 | Peter Cooksey | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1255997 | Brycen Dalbey | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1255998 | Tyren Ford | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1255999 | Khristian Graber | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256008 | Corbin Haas | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256009 | Joshua Jackson | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256001 | Andrew Jones | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256002 | Edwin Orozco | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256003 | Benjamin Schwartz | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256004 | Roberto Sumoza | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256005 | Cameron Taylor | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |
| SWI1256006 | Rory Whitted | Ivy Tech Comm College | John C. Roudebush | Lafayette IN |

| | | | | |
|---------------------------------|----------------|-------------------|--------------|-------------------|
| Telecommunications (TCM) | | | | |
| TCM255114 | Rolando Garcia | ETA International | Tracy Sparks | Remote Proctoring |

Orlando
NATE UNITE
FEBRUARY 20-23



*Rosen
Shingle Creek*

natehome.com



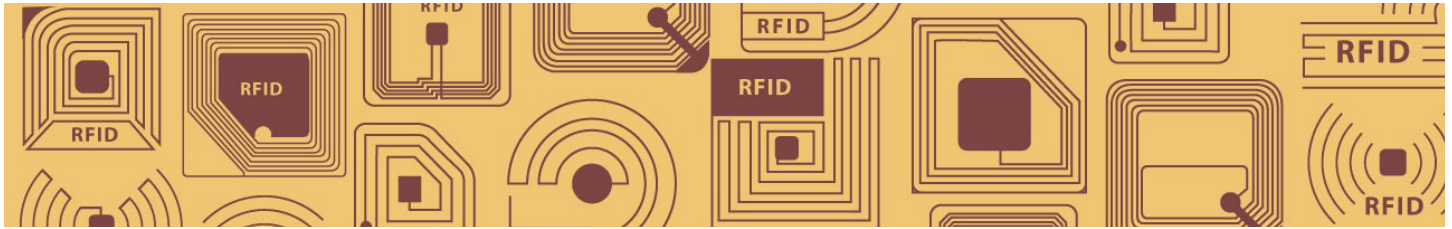
<https://natehome.com/nate-unite-conference/nate-unite-2023/>

10% Discount

**FOR EXHIBIT SPACE
SECURED BY JULY 1, 2022**

RFID: A TECHNOLOGY WHOSE TIME HAS COME

By Andre Smalling, CET



It seems like the moment we have been waiting for, in terms of RFID in retail, is here. Signaling its commitment to RAIN RFID, retail giant Walmart is expanding its RFID mandate to hundreds of products, leaving many to ask if this could be the tipping point for RAIN RFID adoption in USA retail. After its success using RFID in apparel products, the retail giant has announced it is mandating its suppliers to tag home goods, sporting goods, electronics, and toys with RFID tags by September 2, 2022. However, the plan is to extend this requirement to more categories. In this article we use the term RAIN RFID many times. Recently we all have been hearing buzz around the term RAIN RFID. You may have a hard time understanding this term even after several Google searches. According to the RAIN Alliance, “RAIN RFID is a global alliance promoting the universal adoption of UHF RFID technology” (rainrfid.org). RAIN is an acronym that stands for RADio frequency IdentificationN, a marriage between UHF RFID and the cloud, in which RFID data “can be stored, managed, and shared via the Internet” (rainrfid.org). So, what does this mean? Is there a difference between RAIN RFID and UHF RFID? The simple answer is there is no real difference in core technology, just a rebranding. RFID is known as the newest old technology. This is because RFID has been around for almost 80 years. RFID technology was implemented during the battle of Britain to identify and differentiate between British and German aircraft. RAIN is a repackaging of the acronym a way of dealing with all the data generated by RFID systems. It’s all about storage and cloud computing come to this aid. RAIN RFID is still based on GS1 UHF Gen2 standard in ISO 18000-63 standard.

Walmart is a bellwether for the retail industry, therefore, their RFID expansion could trigger a chain reaction for the adoption of RFID in retail across the USA. RAIN RFID solutions give retailers the ability to see real time status and location of items in the supply chain and stores according to Shelly McDougal, Walmart Senior Director of Merchandising who told RFID Journal in an interview.

IntelliGuard® Anesthesia Station is using RAIN RFID to accurately and automatically track medications — including controlled substances from the pharmacy to the operating room, to ensure regulatory compliance, patient safety, and real-time visibility. RAIN RFID technology is being deployed in hospitals, pharmacies, nursing homes, and other healthcare institutions to track medical supplies and equipment, reduce waste, and enhance patient care.

RAIN RFID solutions can improve self-checkout, enhancing the customer experience and reducing lines by bypassing traditional line of sight barcode scanning. RAIN RFID solutions can strengthen loss prevention by showing retailers exactly which items went missing, when, and where — and how that fits with store trends.

[1] Walmart makes big RFID commitment with sweeping tag mandate (impinj.com)

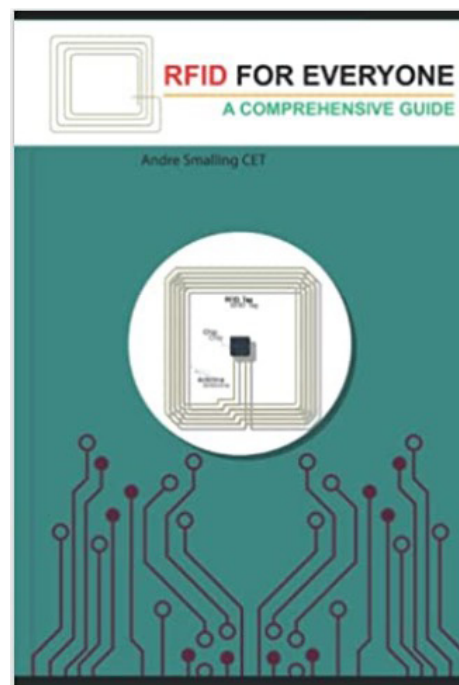
1. Each item can be tagged with a RAIN RFID tag, which includes a thin antenna and a tiny tag chip containing an identifier for that item. Tags are so small they can be embedded in labels, hangtags, packaging, or even fabric tags.

2. RAIN RFID readers, can either be handheld or fixed at transition points, using radio signals to read the identifier stored on those tag chips. Unlike barcodes, up to a thousand RAIN RFID tags can be read at once, without direct line-of-sight, at up to 10 meters (30 feet).[1]

3. Readers send the tag data to software that interfaces with existing enterprise systems. With that data, retailers can immediately know whether items are in stock, or offer accurate product availability to online shoppers, or gain insights into sales-floor patterns that can inform merchandising and prevent shrinkage.

The ETA Certified RFID Technical Specialist Certification is a vendor-neutral certification developed to test a candidate’s knowledge and technical understanding of RFID technology and its application. RFID, for everyone, is the most comprehensive RFID study guide available to prepare you for entry into this exciting field. Written by an expert in the field, Andre Smalling CET is the principal Investigator in ETA RFID Technical Specialist Certification and an SME on the exam committee. He is also a technical partner with Impinj, one of the co-founders of the RAIN alliance.

<https://www.amazon.com/dp/B09GZKQSSH>



Reference

[1] Walmart
Recommits to RFID
by Claire Swedberg



ETA International
5 Depot Street
Greencastle IN 46135
(800) 288-3824
www.etai.org
eta@etai.org

Address Service Requested

Presorted Standard
US Postage Paid
Tucson, AZ
Permit #271



ACCREDITED.

Don't get your certification from a business that is run out of a basement.
ETA International's technical certifications are accredited by the
International Certification Accreditation Council (ICAC).

ICAC
International Certification
Accreditation Council



Follow. Like. Comment!



ETAIInternational



ETAIIntl