

revised 03/07/24

## 2024 NCPTA Transposium Course Descriptions

**Advisory Board Meeting** – The members of the NCPTA Advisory Board meet to discuss the business of the association. Members are encouraged to attend. TAG has officially been dissolved and all information and business will take place at this meeting. The meeting is open to all members and they may ask questions, but only board members are allowed to vote. Facilitator: Patsy Hudson, NCPTA President

**Ask the Field Guys** - This session is a review of defects found during school bus inspections this year and an opportunity for LEA staff to talk with the DPI staff that performed those inspections. Facilitators: NCDPI Field Consultants

**Athena Time and Attendance – (Pre-Register)** This session will provide detailed training from actual user of the software. Presenter: Marg McGill, Johnston County School Transportation.

### **Beginner Spanish for Transportation Staff**

This session will provide an exceptional service to our stakeholders, collaborate extensively with office staff in our translation efforts. Such as giving our bilingual staff the necessary documents in their preferred language, or helping our Spanish-speaking parents fulfill their children's transportation needs to ensure everyone is feels heard and taken care of. Presented by: Caleb Adorno, Johnston County School Transportation

**Blue Bird “Vision” Diagnostics and Practical Solutions** – This is a two hour session.

**Blue Bird Basic Electronics Meter Use and Technology for New Technicians** – This session is two hours. Classes are scheduled for LEAs A Thru M - N Thru Y

**Blue Bird Propane Engine Orientation and Maintenance** –

Attendees and classes are scheduled based on the beginning letter of your LEA. This is a two-hour session. Classes are scheduled for LEAs A Thru M - N Thru Y  
Presented by: Mike Howell, Frank Barker and Kirk Burns

**Blue Bird and Rifled Air AC Class** –

Attendees and classes are scheduled based on the beginning letter of your LEA. Classes are scheduled for LEAs A Thru M - N Thru Y  
Presented by: Mike Howell, Frank Barker and Kirk Burns

**Bosch Common Rail Diesel (CDR Seminar)** – This seminar will provide a high-level overview of Bosch CRD systems with a specific focus on the Cummins 6.7 engine platform. The seminar will cover the complete fuel system from the supply side to the high-pressure components. You will learn how to accurately diagnose no start and drive ability conditions with confidence. The session is offered twice, see schedule.

The training will span two separate days, each with a dedicated two-hour session. Below is an overview of the topics that will be covered during the training:

- 1. Introduction to Cummins 6.7 Emission System:**
  - Overview of the Cummins 6.7 engine and its key components.
  - Understanding the role of the emission system in ensuring compliance with environmental standards.
- 2. Emission System Components:**
  - In-depth exploration of individual components within the Cummins 6.7 emission system.
  - Detailed explanations of how each component contributes to emission control and overall engine performance.
- 3. Diagnostic Procedures:**
  - Comprehensive guide to diagnostic procedures for identifying issues within the emission system.
- 4. Maintenance and Best Practices:**
  - Guidelines for routine maintenance to ensure the longevity and efficiency of the Cummins 6.7 emission system.
  - Best practices for optimizing performance while minimizing environmental impact.
- 5. Q&A Session:**
  - Dedicated time for participants to ask questions and seek clarification on any aspects of the training.

**BSIP - Bus Parts Inventory–Searching, Stocking, and Verification** - This class will focus on BSIP parts inventory; item search, new item application requests, and extension of the item to LEAs plant, items stocking, and verification of proper receipt. Presenter: Kevin Harrison

**BSIP Data Entry Tips/Best Practices** – Presented by Kevin Harrison

**BSIP - Director’s Report** – How to interpret the monthly transportation director’s report and address issues.  
Presenter: Kevin Harrison

**BSIP - Fuel Receipt and Issuing Via ZFUEL** - This class will show users how to receive fuel, verify proper receipt, and issue fuel to vehicles via two different methods. The class concentrates on the accuracy of fuel data input and odometer readings, as well as identifying issues with incoming fueling data and resolving them. Presented by NCDPI Staff

**BSIP - Making Corrections-How to cancel and properly correct errors** – This class will show users how to correct entry errors. It will deal with incorrect parts, time and how to make cancellation and corrections. Presented by NCDPI Staff

**BSIP Odometer Readings View / Entry / Removal** - Presented by NCDPI Staff

**BSIP – Work Order Printing and Entry (MI/PMs)** – This class will focus on work orders; 30-day inspections, preventative maintenance plans, and TD-18 maintenance orders. Concentration on the components of data (expectations, verifications, and input) along with work order printing and storage. Presented by: NCDPI Staff

**BSIP – Work Orders (TD-18) and Non-Stock Parts** - Presented by: NCDPI Staff

**Building Lasting Relationships Through Networking** – Presented by **Carla D. Boulware, Routing Operations, Guilford County Schools**

**CalAmp Training** – This session is for current clients. The implementation and training will be covered. Clients will have time to ask questions with the instructor. New features have been added and will be discussed. Presented by: Eddie Sutton

**Carolina Thomas Advanced Electrical and Disc Brakes Troubleshooting** – This is a two-hour session.  
LEAs A-M and LEAs N-Y

**Carolina Thomas Electric Vehicles** – LEAs A-M and N-Y, See Schedule

**Carolina Thomas Braun Lift Service and Proper Maintenance Training** – This session is two hours for LEAs A-M and LEAs N-Y, see schedule

**Carolina Thomas In-Depth AC Diagnostics and Repairs with Schematics** - This class is designed for the beginner or as a refresher for the more experienced techs. We will cover theory and principles of operation, automotive refrigeration, electric controls, and temperature control systems. This class includes training in diagnosis, testing, service and repair. Class Instructor: Jamie McCaskill, Journeyman Technician.

LEAs A Thru M Class and LEAs - N Thru Y Class (2 HRs)

**Carolina Thomas Parts Accelerator** – This is a one-hour session

**Challenges Faced Daily by School Bus Mechanics** – This session will include how to diagnose buses using the FIRST method (**fix it right the first time**) to reduce repeat bus calls and part failures by diagnosing the root cause of the concern. A discussion on working outside in all-weather types and managing a schedule for 30-day inspections. Presenter: Justin Crosier, Pitt County School Transportation

**Closing Session and Dinner** – This is a working dinner and also a Western Theme. Please come in your best western attire. We will have our business meeting and election of officers. The officers will take their oath of office. We will announce award winners and service pins.

**DMV Staff Training** – This session is for employees of School Bus and Traffic Safety Division of NCDMV. Presenter: Terry Fuller, NCDMV

**DMV –Q & A Session for Directors** – This is a session designed for director to ask questions concerning information new or changed policies regarding school buses. Presenter: Terry Fuller, NCDMV

**DPI Updates** – Updates to LEA staff on the happenings in the Legislature and any other information relevant for the school year. Presenter: Kevin Harrison, Section Chief, NCDPI.

**Edulog Smart Bus – Tablets, Time and Attendance, Student Ridership**

Learn best practices for managing Edulog’s tablet software and the Athena Time and Attendance interface. We will also provide instruction in managing your Student Ridership Data. Instructor: Shawna Knudson

**Edulog’s Next Generation Routing (Athena)**

This session will introduce you to Athena – a suite of products including routing (TIMS) and tablet-powered time and attendance. Come learn about the latest Athena developments including stop optimization, point addressing and run directions powered by Google maps. Presenter: Sara Mihailovich.

**Edulog Smart Bus – Parent Portal, Web Query, School Tools (Transportation Request, Web School Assist)**

With EDULOG’s Parent Portal, parents will no longer have to call into the transportation department asking questions like “Where is the bus?” or “Why is the bus late?” Similarly, schools have access to the same data via Web School assistant and can enter transportation requests. This session will focus on best practices managing the data that supports your implementation of Edulog Parent Portal and Web School Assistant. Presenters: Derek Graham

**EverDriven – Alternative Transportation for McKinney-Vento and Exceptional Children (Product Demo)** Presenter: Gerald Bernayl

This will be a tutorial and training on ALC Schools' web portal aka "web dashboard". All existing ALC clients as well as those interested in more information about the web portal are encouraged to attend. ALC will review how to use the web portal to

- (1) view and track live ALC trips,
- (2) how to view and monitor an ALC student's ride history
- (3) how to view and verify ALC trip on-time-performance
- (4) how to quickly and easily submit new transportation requests including submitting one request for multiple siblings
- (5) how to give limited access to principals, case workers and other support staff, and much more! Presenter: Gerald Bernayl

**Fueling Procedures / Best Practices** – Vehicle and equipment procedures and practices are designed to minimize pollution of surface or ground waters. Understanding the procedures for delivering fuel into vehicles, mobile fuel tanks, and storage tanks is critical for this purpose. Safety is always the priority. This session will be a round table discussion on how each LEA trains and maintains fueling procedures. Presented By: Justin Crosier, Pitt County

**Highland Electric Fleets – Presented by Sioban Nicklow**

**Hiring and Training Bus Driver Procedures** – This session will be a roundtable for sharing different hiring and training procedures for bus drivers across our state. It will be an opportunity to hear how other LEAs handle this challenge. Presenter: Jennifer Carter, Cumberland County School Transportation.

**HopShipDrive – Presented by: Sam Walter**

**How to Properly Secure Wheelchairs on School Buses – Q’Straint** Presented by: Joe Boyko

**Leadership for Managers and Supervisors** – Basic leadership skills and how to assign task. Choosing the correct person for a task. Presenter: Cholly Farrow, Transportation Supervisor, New Hanover County Schools

**NC Best Bus Inspector Contest – Top Twelve Hands On** – The top twelve contestants compete with each other for the title of Best Bus Inspector. Presenter: NCDPI Staff

**NC Best Bus Inspector Contest Written Exam** – The contestants for the competition will take the first part of the contest, the written exam. The top 12 scores will go on to compete in the hands-on test. Presenter: DPI Staff

**NC Bus Inspector Certification Course** – Inspection certification and re-certification class. Presenter: DPI Staff

**NC Bus Inspector Certification Test** – Inspection certification and re-certification test. Remember for re-certification test a twenty-hour verification form must be turned in at the time of testing. Presenter: DPI Staff

**NCPTA District and State Officers Meeting** – Attendance to this meeting is strongly encouraged for all district and state officers. This session will cover officer’s duties, constitution and by-laws for NCPTA. Presenter: Marlon Watson, NCPTA President

**Opening Session** – The NCPTA President, along with local dignitaries will welcome members to the Transposium. A dinner will be served.

**OSHA – Hearing Loss Prevention** – A session to cover workplace safety. Presenter, Lee McKinney, North Carolina Department of Labor.

**Paperless Work Orders – Product Demo**, Presented by Brian McClung, Transportation Director, Cleveland County Schools

**Road Safety for Supervisors – Mobile Office Setup**

Presenters: Kristi Harden, Executive Director, Cumberland County Schools and Vec Dunn, Fleet Services Director, Charlotte Mecklenburg Schools

**Roundtable for Cost Clerks** – This open format session will allow people to converse about issues and solutions they face with BSIP and other areas of transportation. We all face the same challenges and sometimes hearing what a neighbor has accomplished just might help you as well. Facilitator: Debbie Nelson, Dare County Schools

**Roundtable for Directors** - Come join fellow transportation administrators from around the state discuss current issues and resolutions. Perhaps someone has an idea that has paid off in their LEA that can benefit you. Facilitator: Marlon Watson, Director Johnston County Schools

**Roundtable for Managers and Supervisors** – Presented by: Bonnie Sluder, Wake County Schools

**Roundtable for Technicians (2hrs)**– This session is designed for mechanics only. The session will provide an opportunity for fellow mechanics to openly share their challenges and successes. Facilitator: Ralph Trango, Wake County Schools

**School Transportation Law and Policy Review – Kevin Harrison, NCDPI**

**SN – A Discussion for Updating the Exceptional Children Manual** - This session will be a roundtable for the exchange of ideas in updating the state wide exceptional children’s manual. The creation of a committee will also be addressed.

Presenter: Kristi Harden, Executive Director, Cumberland County Schools and Jabar Duncan, Operations Director, Charlotte Mecklenburg Schools

**SN – All Behavior is Communication** – Presented by: Felicia Goodgion

**SN –Collaboration with Occupational Therapy and Physical Therapy for Student Transportation** - OT and PT practitioners can support transportation staff in important ways as they ensure students get a great start and end to every school day. Many students come with equipment, communication, behavioral, and other needs. It takes collaboration to problem-solve and best meet these needs. Participants will explore case studies during this session. Questions and discussion will be encouraged. Presenter: Bridgette LeCompte, MS, OTR/L and Laurie Ray, MPT, PhD

**SN Contract Transportation** – Presented by Carol Bowes, Director, Person County

**SN - Ensuring Educational Stability for Children in Foster Care** – Children in foster care represent one of our most vulnerable groups of children in the country. When compared to their peers, studies have shown student in care struggle more academically, can experience more school instability and have lower graduation rates. This presentation will provide an overview of the new federal protections under Every Student Succeeds Act (ESSA) for children in care and how collaboration between health and human services and education is working to improve the educational success for students in foster care. Presenter: Sara Bigley, State Coordinator for Foster Care

**SN – Guidance for Students Who Are Deaf and Hard of Hearing** – This session will provide an overview of characteristics of students who are deaf, hard of hearing, and/or Deafblind, and how hearing loss may impact students while they are accessing school transportation. Participants will learn about supports that can be implemented to help students have a positive transportation experience, as well as resources that may be available within their public-school unit to provide additional professional learning and assistance when needed.

Presenter: Antron Campbell, Consultant for Deaf and Hard of Hearing and Interpreter Support  
Virginia Madorin, Consultant for Deaf and Hard of Hearing and Co-Director, NC Deaf Blind Project.

**SN More Than Meets the Eye – Blind and Visual Impairments** -Presented by Crystal Patrick



**SN - Requirements for Students Experiencing Homelessness** - This session will provide participants with an outline of the transportation requirements under Every Student Succeeds Act (ESSA) for students who are experiencing homeless. Discussion on working with the local homeless liaisons, strategies for providing the most cost-effective transportation services for students to and from school, and determining the best interest of a student will also be addressed. Session offered twice  
Presenter: Anelia Ward

**SN –Supporting Students with Complex Disabilities Who Access Public School Transportation** – Presented by: Heidi Carico and Matthew Martinez

**State Surplus Property** – Areas covered will be:

Data entry procedures, making sure that the funds are redistributed correctly back to your garage location. First Thursday Training Sessions and Webinar Classes, Using our Helpful Information Page, Property Description Entry.... Who, What, When and Where?

Mandatory Contracts and Vendors...Pricing Magic

What happens when funds are not entered or incorrectly entered...?

SSP Contacts for questions and information

This session will be offered twice. Presented by: Christopher Carrington, State Surplus Operations Manager, Division of Surplus Property

**TD-1 Annual Report** – This class will focus on the TD-1 annual report components that come specifically from BSIP and the steps necessary to gather the data.  
Presented by Jaime Doran, NCDPI

**TD-10 Bus Inventory Class – (No. of Buses Operated Annually)** – The class will explore how to be effective and efficient when planning for the annual TD-10 report in the spring each year. Participants will be taught, with the assistance of BSIP reports, to review bus data and make decisions at the beginning of the school year, which will enable them to correctly report buses operated on the TD-10 bus inventory form. Presented by: Jaime Doran

**Team Building** – Learn ideas on how to motivate your team.  
Facilitator: Deb Zeiber, Cumberland County Schools

**TIMS – Annual Service Indicators Dashboard Tool** - Presented by Kevin Hart, ITRE

**TIMS – Basic Routing Principals Tips and Tricks** – Presented by Drew McGomery

**TIMS – Batch Fill Data Tricks** – Presented by: Drew McGomery, TIMS Project Leader UNC Charlotte Urban Institute. This session will showcase how to import external codes into TIMS for various scenarios. Whether it's lost assignments from promotions, summer school, or some other need. Come see how to make your workflow more efficiently with the use of batch fill.

**TIMS – Boundary Refresher – Tips and Tricks**

Presented by: Bonnie Aycock-Person, ITRE

**TIMS - Bus Routing Competition (Sponsored by Edulog) Thursday 8am to Noon**

Are you the best TIMS operator in North Carolina? Come put your Edulog skills to the test versus other bus routers from across the state in the second annual TIMS Bus Routing Competition. Similar to the school bus inspector competition, TIMS operators will be given a bus routing scenario to complete in Edulog and a winner will be chosen based on the final results of the bus routes created. This competition will require a full array of TIMS skills; from creating new stops, runs and routes, to shifting school bell times, reverse/copying runs, adding double loads to a bus, creating alternate stops for am/pm assignments, using/creating work lists and advanced searches, assigning students to stops, running driver reports, etc. *Must be pre-registered to participate. If more than 12 TIMS Operators are Registered, the final participants will be based on the Entrance Exam Results.*

Presented/Hosted by: ITRE/UNCC Staff

**TIMS Competition Overview – Monday, 1pm Room 106**

This session is for Pre-Registered Participants of the TIMS School Bus Routing Competition. Participants will receive an overview of the TIMS Competition and, if needed, complete an Entrance Exam to determine the Final 12 participants for Thursday morning. Pre-Registered Participants will receive additional information during Conference Check-In

**TIMS - Data Management Tips and Tricks** – Presenter: Kevin Hart, ITRE

This session will discuss the variety of Data Management Tips and Tricks available within TIMS. From importing PowerSchool Ridership Codes as part of UPSTU, conceptualizing complex worklists and advanced searches, to the creation of specialized summer school stops, runs and routes. Come explore various data management practices used across the state.

**TIMS Managing Driver Updates and Student Removals –**

Presented by: Kevin Hart, ITRE

**TIMS – Maris Refresher Tips and Tricks** -Presented by: Drew McGomery, TIMS Project Leader UNC Charlotte Urban Institute. This session will concentrate on refreshing key Maris skills as well as sharing new tips and tricks to make map edits easier and more efficient.

Presented by: Drew McGomery, UNCC

**TIMS – New Routers (A Year in TIMS)** Presented by: Bonnie Aycock-Person

**TIMS Server Management Tips and Tricks** – Presented by: Marc Perez, ITRE

**TIMS – The TIMS ESQL Experience** – TIMS ESQL includes google street maps and satellite imagery backgrounds as well as many enhanced search and assignment features to help with daily bus routing. Presented by: Alberto Centurion

**TIMS – Transfer Stops and Midday Runs** – This session is offered twice. Presented by Bonnie Aycock-Person. Establishing and Managing Transfer Stops and Mid-Day Runs are among the trickiest components of maintaining Bus Routes in TIMS. This session will provide users the opportunity to better understand, create and insert transfer stops within TIMS. This course will also cover preferred methodologies for setting up and managing irregular Mid-Day Runs.

**Tort Claims – Judicial Decision Affecting Local LEAs** – This session will cover new rulings from the NC State Supreme Court that directly affect local LEAs. Presenter: Carl Newman, NCDOJ

**Tort Claims Paperwork and Procedures**–The North Carolina Tort Claims Act allows parties to bring a claim against the state of North Carolina. There are many special rules, exceptions and notice requirements involved when you sue a North Carolina governmental unit and the laws dictating what the government can be sued for and how are extremely complicated. This session will cover the proper way to complete paperwork. It will also discuss procedures. Presenter: Shelly Perry, Tort Claims Investigator Supervisor, NCDOJ

**Trade Show** – Meet the vendors who supply our buses and everything in between. See new and innovative ideas from companies across the nation. Take a stroll through the expo center and meet vendors and discuss transportation needs.

**Trade Show for Decision Makers Only**– This allows directors and supervisors who make purchasing decisions early access with the vendors. They will also have lunch with them.

**Transportation Funding and Budget Rating Simulator** - Learn the basics of transportation funding as well as how to use the budget rating simulator to look at how changes in operations will impact your funding. Presented by: Kevin Harrison

**Type C School Bus, Service Trucks, Fuel and Wrecker Specification Class** – A new type C school bus contract has been awarded by purchasing and contracts. The class will discover what’s new on the Type C bus specifications for a school bus. It will include a review of the service trucks, fuel and wrecker specifications and orders. Participants will be able to provide feedback on what is good and what is not good for vehicles.  
Presented by: Kevin Harrison

**White’s IC Bus Advanced Electrical Troubleshooting (Diesel Exhaust Fluid)  
LEAs A-M and N-Y**

**White’s IC Bus -Cummins Engine Maintenance and Diagnostic Systems  
(2hrs) – LEAs A Thru M and N Thru Y**

**White’s IC Bus – EV Bus Overview LEAs A-M and N-Y**

**White’s IC Bus How to Use and Navigate Service Portal Software**

**White’s IC Bus ISB6.7 Fuel Systems**

**White’s IC Bus – TransAir/ AC Preventative Maintenance (2 hrs.)  
LEAs A-M and N-Y**

**Why Diversity Teams are so Important in the Workplace** – Presented by Daisy Rouhlac,  
Director of Operation, Guilford County Schools

**Wrecker Training** – This session will be in the Expo Center  
Parking lot with a school bus wrecker on site. Presenter: Buncombe County School  
Transportation.