

revised 1/26/23

2023 NCPTA Transposium Course Descriptions

Advisory Board Meeting – The members of the NCPTA Advisory Board meet to discuss the business of the association. 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

App-Garden Product Demo – This session will introduce the product for information.
Presenter:

App-Garden Travel Tracker – This session will offer course training on tips and tricks using Excel. Formatting tips, how to build pivot tables and charts. Also, how to make the most of excel and reporting.

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

Beginner Spanish for Transportation Staff (offered twice)

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 felt heard and taken care of. Presented by: Caleb Adorno, Johnston County School Transportation

Blue Bird Electronic Stability Control & ACom Pro Diagnostics –

Overview of the Bendix Electronic Stability Control (ESC) System, to include ACom Pro Diagnostics and Reporting. Course will include a brief overview of inspection and maintenance requirements for the Haldex slack adjuster and Bendix brakes.

This is a two-hour session. Classes are scheduled for LEAs A Thru M - N Thru Y
Presented by: Jack Seale and Mike Howell

Blue Bird Electric Bus and Infrastructure Overview – (offered twice)

Overview of the new electric bus to include major component location, system operation, and infrastructure requirements to support the electric bus.

Presented by: Mike Howell, Frank Barker and Kirk Burns

This is a two-hour session. Classes are scheduled for LEAs A Thru M - N Thru Y

Blue Bird Ford 7/3L Engine Orientation and Maintenance –

Overview of the Ford 7.3L V8 Engine to include product, performance, and specification information, as well as maintenance and service requirements.

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 New Electrical Architecture System –

Overview of the new electrical architecture system, to include major component locations, system operation, and body and chassis changes made to accommodate the new electrical architecture. 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

Blue Bird Troubleshooting

This is a one-hour class. LEAs A thru M and N thru Y

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.

Topics Covered:

- CRD theory and operation
- Fuel Delivery Methods
 - Low pressure
 - High pressure
- How to quickly diagnose a CRD system
- Piezo and Solenoid injector overview
- Overview of typical sensors and actuators

Karl Schneider, Presenter, this is a three-hour session.

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 Round Table (Cost Clerks) This session is an open forum for cost clerks to discuss ideas and concerns in the daily work operations. Facilitator: Debbie Nelson, Dare County Schools

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

BusPlanner Product Demo – BusPlanner is currently a state approved equivalent routing system with Harnett County Schools & Nash County Schools in NC. Our suite of products provides a complete transportation solution to assist you with your routing, mapping, GPS, redistricting, financial analysis, web access, alerts/notifications, parent app, and much more. Our strength is listening to customers providing direction tailored to their needs. Let us show you how Bus Planner can help. Presented by: Binford Sloan

CalAmp Training (Formerly Synovia) – 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.

CalAmp Product Demo (Formerly Synovia) – This session will give an overview of our solution and the products offered. The session is open for questions.

Carolina Thomas AC Diagnostics and Repair - 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 (4 HRs)

Carolina Thomas C2 Diagnostics and Repair –

LEAs A Thru M Class and LEAs - N Thru Y Class (4 HRs)

Carolina Thomas - Is Your Operation Electrical Vehicle Ready –Presenter: Kelly Rivera

Challenges Faced Daily by School Bus Mechanics –

How to deal with students on the bus at a breakdown, dealing with difficult drivers, how to diffuse a bad situation, choose your words wisely, checking in with school personnel when you are on campus and Proper radio language. Presented by Dustin Crosier, Pitt County School Transportation

Closing Session and Dinner - This is a working dinner. 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 –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: Paul Dloughy, DMV

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.

Empowering Drivers with Photo Enforcement Cameras – Integrating technology that allows drivers to create safer busing of students using proactive communication and awareness when risk is detected or observed. Track results, analyze areas of risk and get customized reporting. Using data to help initiate a Civil Enforcement Program. Presented by Frank Bowden – Safety Vision

EverDriven – Are you Utilizing Alternative Student Transportation (Product Demo)
Presenter: Gerald Bernayl

EverDriven - District Portal and Parent APP Training – 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

Health and Wellness – Dealing with Stress in the Workplace –

This session will be a group discussion to encourage participation. Presenter: Julie Williams, Perquimans County Schools

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.

How Cloud Fleet Management Platform can benefit school bus Fleets – Product Demo

Alex Lonon – Fortress Mobile

How to Build Relationships by Networking and Effective Communication – Presented by Faye E. Crowder, Executive Director of Transportation, Guilford County Schools

How to Use Data to Lower Accidents, Increase On-Time Arrivals and Reduce DPI Inspection Scores: Presented by: Marybeth Kubinski, Assistant Director of Transportation Operation, Charlotte-Mecklenburg

Infrastructure for Electric Vehicles – Duke Energy: Presenter: Jed Routh

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

Leece-Neville (2hrs class)

Lost Child Protocol – How does your LEA handle lost children? Presenters: Kristi Harden, Executive Director and Jeb Bush, Supervisor, Cumberland 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 App – Q/A – Presented by Cynthia Phillips and Volunteers – Come by the registration desk and we will assist you in downloading the NCPTA APP and sign up for the NCPTA Group Emails.

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

OSHA – A session to cover workplace safety. Presenter, Ed Hardy, North Carolina Department of Labor.

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

Premier Wireless Business Technology Solutions, Inc.

Product Demo We will demonstrate the benefits of installing a rugged router on a school bus to provide both wi-fi for students and real time camera access. We will also demonstrate our

routing software along with our field trip manager, GPS, Student Tracking and Parent App to improve fleet management and to increase student safety. Presented by: Chris Bunnell. Chief Innovator

Recruiting Staff – Presenter: Deb Trafton, Assistant Director, New Hanover County Schools

REI – A Guide to a Model Stop Arm Violation Program. Product Demo

An overview of stop arm violation statistics and the laws surrounding them, intended to help motivate more school districts to work proactively to prevent this problem. A guide to a model program that districts can establish in order to actively prevent violations. Examples of real-life success stories / interesting and innovative solutions that have helped in North Carolina and all across the country. Presented by: Francesca Genovesi

Road Safety for Supervisors – Mobile Office Setup

Presenters: Kristi Harden, Executive Director and Jeb Bush, Supervisor, Cumberland County 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: Billy Jackson, Cumberland County Schools

Safe Fleet Seon Live GPS with Camera Interaction – This session will cover wireless video downloads and live GPS with camera interaction.
Instructor: Joy Walsh, Safe Fleet/Seon Company

Safe Fleet Seon Wireless Video Download – This session will cover wireless video downloads and live GPS with camera interaction.
Instructor: Joy Walsh, Safe Fleet/Seon Company

School Bus Evacuation – Presented by Marge McGill, Johnston County Schools

SN – Autism Cognitive Disability – This is a new session designed for Special Needs staff. The session will cover current events and needs of the autistic child. Presenter: Heidi Carico, Consultant for Autism & Charter Schools: Northwest & Western Regions NCDPI: Exceptional Children Division: STARS

SN – Behavior – This is a new session designed for Special Needs staff. The session will cover current events and needs of the child. Presenter: Heidi Carico, Consultant for Autism & Charter Schools: Northwest & Western Regions NCDPI: Exceptional Children Division: STARS

SN – Physical Therapy – This is a new session designed for Special Needs staff. The session will cover current events and needs of the child. Presenter: Heidi Carico, Consultant for Autism & Charter Schools: Northwest & Western Regions NCDPI: Exceptional Children Division: STARS

SN – Deaf and Hearing Impairments – This is a new session designed for Special Needs staff. The session will cover current events and needs of the child. Presenter: Heidi Carico, Consultant for Autism & Charter Schools: Northwest & Western Regions NCDPI: Exceptional Children Division: STARS

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 – Occupational Therapy – This is a new session designed for Special Needs staff. The session will cover current events and needs of the child. Presenter: Heidi Carico, Consultant for Autism & Charter Schools: Northwest & Western Regions NCDPI: Exceptional Children Division: STARS

SN - Transportation Requirements for Students Experiencing Homelessness - This session will provide participants will 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: Lisa Phillips, State Coordinator for Homeless Education

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: Gwen Williams, Director, Division of Surplus Property

Stop Arm Violations- A Joint Discussion with Transportation, Law Enforcement and Judicial staff. Presented by Derek Graham

TAG Meeting – A session to discuss major school transportation issue. Open for all members to attend. This session is facilitated by: Don Burns.

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

The Importance of Tracking Performance of New Tires and Retreads –

Presented by: Robert Thomas, Fleet Account Manager, Snider Fleet Solutions

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 - Edulog Data Analysis –

Comparative Analysis and On-Time Performance through detailed GPS analysis of where buses are expected to go and what really happens on the road. Learn about reviewing GPS data in Routing (on one screen) and detecting unrecorded substitutions. Presenter: Andy Leibenguth, Education Logistics

TIMS – Edulog Training – Best Practices for Parent Portal, Web Query, Web School Assistant. - 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?" This session will demonstrate how to provide parents with peace of mind via a routing-enhanced mobile application that allows parents to view the real-time location of their

student's bus as it travels between the bus stops and the school, all displayed on a clean Google map overlay. Presenters: Derek Graham

TIMS – Edulog's Next Generation Routing (Athena) and its Integration of GPS

Products – This session will introduce you to Edulog's new GPS product, how it integrates with TIMS, the parent notification smart phone app and mobile data terminals (MDTs) for drivers. The MDT is home to Edulog's Driver Portal which interfaces with Edulog's Driver Time and Attendance, Student Ridership and Driver Directions. Presenter: Sara Mihailovich

TIMS – Maris Skills 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.

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

TIMS – Preview New Service Indicators - Presented by: Kevin Hart
Session offered twice

This session will showcase the new, expanded and improved Online Version of the Annual TIMS Pupil Service Indicators Report being developed by NCSU-ITRE. Come explore the new school bus data and annual student measures available for each LEA and all of North Carolina. When released, LEAs will be able to compare Bus Route Information and Student Ridership Data to previous years as well as to other LEAs.

Presented by: Kevin Hart, TIMS Project Leader NCSU-ITRE

TIMS – Reports – Presenter: Bonnie Aycock-Person

In this session we will concentrate on reports used for Open House, worklists for PowerSchool Backload and All Call files. We will also cover basic reports that will help you analyze your data for more efficient routing.

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 - TIMS for Transportation Directors and Supervisors –This session will help transportation administrators better understand the annual TDTIMS Audit, how to correctly repair the TD2 (Headcounts) and TD2R (Buses, Miles, Drivers Hours) Reports as well as better understand TIMS data and how to look for potential errors.

Presenter: Kevin Hart

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

Tyler Technology Product Demo:

Tyler Technology Training session:

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

What's New with Mobile Lifts for Fleet Maintenance – This session will cover how to properly use the lifts many counties across our state have currently in their garages. Presenter: Randy Linhart, Alan Tye Lifts

Where's The Bus On-Board Technology Platform – Real time GPS, Where's The Bus parent APP, school view, student ridership, rugged tablets, and Time and Attendance. Hear directly from our North Carolina customers how they use and leverage these technologies on a daily basis. You will see our powerful and user-friendly software in action and gain a perspective on how all of these on-board technologies work together to provide a complete view of your school bus fleet operations. Presenter: Joe Winkler, President and Founder of Where's The Bus

Where's The Bus Onboard Technology Platform – Product Demo:
Presented by Joe Winkler, WTB

White's IC Bus – Braun Lift Maintenance and Repair for Technicians

White's IC Bus -Cummins Engine Maintenance and Diagnostic Systems (4hrs) – LEAs A Thru M and N Thru Y
Trainer: Michael Owen

White's IC Bus Repairlink On-Line Parts Catalog and Ordering -
LEAs A Thru M and N Thru Y
Presenter: Paul Breen

White's IC Bus – TransAir/Basics of AC Preventative Maintenance and Troubleshooting (4 hrs.)
LEAs A-M and N-Y
Presented by: Michael Johannesen

White's IC Bus Foundation Brake Training (4 Hrs.) –
Leas A thru M and N thru Y
Presented by: Jack Seale

White's IC Bus Engine Diagnostics Training/ IC Bus University - Offered twice
LEAs A thru M and N thru Y
Presenter: Ben Harris

Why Diverse Teams are so Important in Today's Work Force Offered Twice
During this session, participants will learn why the value of creating and fostering diverse teams within an organization can improve the overall productivity, culture and morale of an organization. Knowing how such a team can benefit your company/organization may allow you to source and find individuals with distinct backgrounds and skills to help improve operations, achievement of overall goals and heightened employee engagement.
Presenter: Daisy Roulac, Guilford County Schools

