

## Course Descriptions

**Advisory Board Meeting** – NCPTA State Officers and Board Members discuss association business. New slate of officers will be announced. Committees will report. Facilitator: Binford Sloan, NCPTA President

**Alan Tye & Associates** - This class is being offered for all technicians. See what is new in lifts for fleet maintenance.

**Alliant Power Diesel Injectors High Pressure Pumps** – This class will cover diesel injectors, high pressure pumps and common rail: Presenter by Kory Kaltenberg.

**Ask the Field Guys-** A presentation and question/answer session focusing on the findings from this year's school bus inspections. Session includes a discussion of the top 10 defects. Facilitators: Keith Whitley, Robert Taylor and Danny Reed

**Best Practices for the Special Needs Office** – How does the flow run in your office? What steps do you take in order to get students on buses? What software are you using? Presenter: Deb Zieber, Cumberland County

**Blue Bird AC Overview and Maintenance** - Attendees and classes are scheduled based on the beginning letter of your LEA. Presenter: Ron Brendle  
Class is given a total of two times. A Thru J - L Thru Y

**Blue-Bird – Multiplex Controls** – Objective: This is an overview on the Blue-Bird multiplex electrical control system with emphasis on component identification, theory of operation and proper basic troubleshooting technique. This is hands-on training for mechanics by certified Bluebird personnel. Presenter: Joe Cogburn  
Attendees and classes are scheduled based on the beginning letter of your LEA.

**Blue Bird Bendix Disk Brakes** – Presenter: Jack Seale

**Bosch Discussing Diesel Technology and Electrical Systems** – Thomas Flynn, Presenter

**BraunAbility Wheelchair Left Training** -

**BSIP Advanced Reporting** – Users will be shown advanced methods for crafting BSIP reports and moving between sets of data. This course will focus on answering questions which require the user to use data from one report as the basis to generate additional reports. Presenter: Kevin Harrison

**BSIP Advanced Topics for Managerial Staff** – This class will discuss managerial level decision making as it relates to BSIP data entry. The importance of paperwork and the data which is collected, as well as high level process design and organization. The class will present data sets from BSIP to introduce managers to the types of information available to them and present examples of incoming paperwork in its various forms. The class will not focus on how to retrieve the information and will be accessible to non-BSIP users. Presenter: Kevin Harrison

**BSIP Annual Physical Inventory** – This course will introduce the process of annual physical inventory and ways to make it run smoother. We will cover techniques in reporting, analysis, and finding errors, as well as advanced entry techniques and error correction. Presenter: Kevin Harrison

**BSIP Inventory Management** – Ordering techniques, inventory receipt, stockroom setup and maintenance, service truck inventory, state contracts, DOT & VRMS code search, and physical inventory planning. DPI staff will discuss the new funding implications of inventory shortfalls. Class offered twice.

**BSIP Materials Reporting** – Users will be shown various reports available to display on stock on hand, stock purchase and use, as well as current pricing. This course is designed to expand on the knowledge from the introductory reporting class and will assume users understand reporting basics.  
Presenter: Kevin Harrison

**BSIP Open Forum Q/A** – Users will use this time to exchange shortcuts, best practices and such. There will be an open question and answer time. Presenter: Kevin Harrison

**BSIP Reporting Introduction** – Users will be introduced to the reporting capabilities of BSIP. This training will include information on how reports function in BSIP, how to export data, and will introduce users to a few of the common BSIP reports. Presenter: Kevin Harrison

**BSIP VMRS Code Primer** – An introduction to VMRS (Vehicle Maintenance Reporting Standards) codes for technicians, supervisors, and data entry staff. This class will explain where the codes come from, how they work, and how information can be used in reporting. Presenter: Kevin Harrison

**BSIP Work Order and Cost Reporting** – Users will be shown various reports available to display work order details, technician work hours, and general vehicle cost reporting. This course is designed to expand on the knowledge from the introductory reporting class and will assume users understand reporting basics. Presenter: Kevin Harrison

**Budget Rating Simulator: Hands-On - BRING YOUR OWN LAPTOP** to this session to get acquainted with the look and feel of the new budget rating simulator. Also learn the basics about drawing comparisons with other LEAs and how to determine the impact of policy changes in your LEA.

**Bullying on the School Bus; See Something, Say Something** – Presenter: Carol Bowes, Director, Person County

**C2 and FS65 AC Diagnostics and Repair** - This course will cover C2 and FS65 AC diagnostics and repair. Instructor will train on the entire AC system covering the refrigerant and electrical systems, and how to use pressure gauges and electrical test equipment to diagnose AC problems. The class will end with a question and answer session for techs to voice their concerns. Presenter: Jamie McCaskill from Thomas Buses Attendees and classes are scheduled based on the beginning letter of your LEA. Class is given a total of four times. A Thru C - D Thru J - L Thru P - R Thru Y

**C2 Diagnostics and Repair** – This course will cover how to diagnose and repair C2 chassis and body. It offers in-depth hands on diagnostics and repair training on the engine regen system, chassis and body. It will also cover how to use diagnostic programs associated with the Thomas C2 Saf –T-Liner. The class will end with a question and answer session for techs to voice their concerns. A four hour hands-on class for Thomas buses. Presenter: Vinny Rivera Attendees and classes are scheduled based on the beginning letter of your LEA. Class is given a total of four times. A Thru C - D Thru J - L Thru P - R Thru Y

**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.

**Disaster Hits Home** – Three counties share their stories and photos from the aftermath of Hurricane Matthew

**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 Dlouhy, DMV

**DOT Medical Cards** – A presentation by DMV on current issues with medical cards. Presenter, Paul Dlouhy

**DPI Updates** – Staff from DPI will provide updates to LEA staff on the happenings in the Legislature and any other information relevant for the school year. Presenter: Kevin Harrison, State Director of Transportation for North Carolina.

**Edulog** – This class will cover Edulog University – the future of pupil transportation meets the future of training. Presenter: Pete Salinas and Sam Preisler

**Emission and After Treatment** – This class will cover understanding and troubleshooting after treatment emissions. Presenter: Dan Rice, MHC Kenworth

**Evacuation Training Workshop** – This is a new session. The class will cover how to perform school bus evacuations. The instructor is Marge McGill. She is a Transportation Coordinator from Johnston County Transportation Services. She also serves as the NCPTA District 7 President.

**E-zoil – The Next Generation Detergent Technology**” Presented by Trainer Glen Miller

**First Aid Class** – This class will cover CPR for transportation personnel. Instructor: Rich Burns, Brunswick County

**Google Docs for Transportation-** Has your school system migrated over to Google? There is an application in Gmail called Google Docs. Come to this session and learn the power of Google Docs and what it can do for your transportation operation and see how others are using it. Bring your ideas and questions for the Q/A. Presenter: John Warf

**Headcount Procedure Discussion** - This class is designed for members to discuss the statewide headcount and how each county conducts the project. –Facilitator: Fonda Durner, Buncombe Co. Director

**IC Brake Training** – Class gives students a technical knowledge of the complete air brake system to include, air brake trouble areas, air brake foundation, ABS, maintenance, diagnostics. Class also provides real world applications and diagnostics, troubleshooting, safety, CSA 2010 Federal Safety Standards with a question and answer session. . A Thru C - D Thru J - L Thru P - R Thru Y

**IC Bus Air Conditioning Training** – This is a four hour session with hands-on training. It will give mechanics technical knowledge of the complete AC system. Attendees and classes are scheduled based on the beginning letter of your LEA. Class is a given a total of four times. A Thru C - D Thru J - L Thru P - R Thru Y

**ISB6.7 CM350 Engine Diagnostics** – Attendees and classes are scheduled based on the beginning letter of your LEA. Presenter: TBA  
Class is a given a total of two times. A Thru J - L Thru Y

**Lap / Shoulder Belt** - This session is intended primarily for the 14 counties that are rolling out lap/ shoulder belts in August 2016. Discussion will focus on media, policy, maintenance and record-keeping.  
Presenter: Rodney Hardy

**Leece-Neville** – This two hour session will cover training on alternators and starters. Presenter: Frank Byrd

**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** - In 2007 the State of NC passed legislation that eliminated the need to outfit school and activity buses with a DMV safety inspection annually. With the current DPI guidelines for inspecting buses it meets and in some areas exceeds the DMV inspection. To comply with the passed legislation, any person who completes the 30 day inspections will be required to pass an examination authorized by DMV and DPI. This class is for new inspectors. Presenter: DPI Staff

**NC Bus Inspector Renewal Test** - This class is the examination for renewal. It is open to all individuals who have performed 30 day inspections on school buses and need to renew their certification. This is an open book exam. Presenter: DPI Staff

**OnCommand Connections** – OnCommand Connection is the full telematics and remote diagnostics system for school buses, regardless of manufacturer. The class will cover features of the system including Over the Air programming for IC buses.

**Opening Session & Dinner**– Members will be gathered together and hear from Brunswick County officials. We will share the overview of the days ahead and dinner is provided.

**OSHA** – A session to cover workplace safety. Presenter, James Washington

**Reducing Tire Cost Through Effective Maintenance** - Easy to find dollars that may be hidden in your tire program. Learn how to utilize Out-Service-Tire-Analysis and performance tracking to reduce tire cost. Presenter: Terry Lewis

**Refueling for Equipment and Vehicles** – This course will cover training by Go Energies EKOS Fuel Software and refueling for equipment and vehicles. The software can be incorporated into BSIP for mobile refueling. Presenter: Phil Dorroll

**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: Cinda Lewis

**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: **TBA**

**Roundtable for Technicians**– 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

**Roundtable for Special Needs** – Here you can network with colleagues in an open dialogue on Special Needs Transportation in your operation. Facilitator: Deb Zeiber, Cumberland County Schools

**Roundtable for TIMS Operators** – This will be a TIMS networking session for only TIMS personnel; bring your tips, suggestions and experience to this session. Facilitator: Cindy Bruner, Lenoir County

**Seon – Product Demo** –This class will be consist of training on system software and configuration. You will see demonstrations on wireless video downloading and live GPS. Instructor: Joy Walsh, Southeast Sales Executive

**Shop Paper Work Completion for Technicians** – This class will focus on filling out BSIP paperwork including the TD-18, TD-18W, Administrative Time, 30 day inspection, and PM order from a technician perspective; it will also address issues of stocked and no-stocked parts as well as the ways that they can be dealt with on work orders. It will address proper paperwork completion from the start of a job to the turning-in of paperwork, it will not address BSIP or computer related procedures.

**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

Presented by: Stan Black

**Synovia - Time and Attendance**- This class is designed for members who have Synovia. You will learn shortcuts and hear from a county who has been successful. Presenter: Denise Swanner, Lenoir County Schools

**Synovia – Comparative Analysis**-This class is designed for members who have Synovia. You will learn shortcuts and hear from a county who has been successful with comparing data. Presenter: Denise Swanner, Lenoir County Schools

**Synovia – Standard GPS Operation**-This class is designed for members who have Synovia. You will learn shortcuts and hear from a county who has been successful. Presenter: Denise Swanner, Lenoir County Schools

**Teachermatch** – A session on the new software called Teachermatch that is currently being implemented throughout the state. This is the new Human Resources software. Presented by: Lori Barret and Gwen Ratcliff from Brunswick County

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

**TIMS Case Studies** – Presented by TIMS Staff

**TIMS Data Manager Best Practices** – Class will cover what is expected of TIMS Data Managers to maintain a completely implemented TIMS system. Presenter: ITRE/UNCC Staff

**TIMS - ESQL Demo** – TIMS staff will demonstrate the web-based version of SQL called eSQL. Presenter: ITRE/UNCC Staff

**TIMS “How To”** – Bring your questions on how to accomplish specific tasks. Presenter: ITRE/UNCC Staff

**TIMS PowerSchool Upload** – This session will cover how to load student bus stop information from TIMS to PowerSchool. This is a very exciting and new function for transportation departments. Presenter: ITRE/UNCC Staff

**TIMS Reports** – Learn how to create, customized reports from TIMS data that will meet the needs of your team and your customers. Presenter: ITRE/UNCC Staff

**TIMS - SQL Data Prep** – This class will show you what you need to do before converting to the SQL version of Edulog; preparing your data, server considerations, along with other tips and pointers to think about before converting. Presenter: ITRE/UNCC Staff

**TIMS System Administration and EMU Maintenance** – This class will cover file maintenance processes. You will learn what you need to run and when to run it. Presenter: ITRE/UNCC Staff

**TIMS for Transportation and Directors** – This session will focus on how TIMS can be an invaluable tool for transportation directors and supervisors, including key performance indicators, public relations and efficiency. Presenter: ITRE/UNCC Staff

**TIMS UPSTU** – Learn the process of downloading the file from PowerSchool and loading it into TIMS. It covers all aspects from start to finish. Presenter: ITRE/UNCC Staff

**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, Special Deputy Attorney General, Tort Claims Section.

**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: Alex Walton, Special Deputy Attorney General, Tort Claims Section

**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.

**Train The Trainer - NC Bus Inspector Certification Exam – Instructor’s Course** – By completing this session a person will be certified to teach the four hour “30” day inspector certification class. Everyone currently certified to teach the 4 hour class must renew for the next five year period. Class is limited to current DPI certified inspectors who are in a supervisory role within a NC school bus garage. Presenter: DPI Staff

**Trans/Air Mfg. - Troubleshooting and Maintenance** – This class will cover the basics of air conditioning, preventative maintenance and troubleshooting. Basics of air conditioning will cover each component and its function and how the system works. The preventative maintenance section covers all the routine inspection points and schedule. Troubleshooting gets in depth on diagnosing common issues on systems including proper evacuation and charging procedures. Presenter: Michael Johannesen

**Video Training for bus drivers** – Presented by: Bob Peters

**When you give a bus driver a Chromebook...** – they are going to want to be a leader. This past year in Transylvania County the director of transportation put Chromebooks in the hands of some of his drivers and created a group of bus captains. See how this helped his garage become more efficient through the use of google forms and increased communications between the drivers, schools, and bus garage. Presenter: Alan Justice, Transylvania County

**Wi-Fi on the School Bus** – A class to discuss the pros and cons of Wi-Fi\_\_\_33 on the school bus. Presenter: Kevin Brittain, Caldwell County.

**Yokohama Tire Company** – This is a product demo class. Presenter: David Hocker