

Course Descriptions

A School Bus Tragedy in Knoxville –Our keynote speaker is Lt. Ray Robinson, THP. He has 26 years of service with the Tennessee Highway Patrol. He also has 15 years with the Pupil Transportation Division. His background covers inspecting large vehicles and driver training. He will discuss the 2014 school bus accident in Knoxville, Tn.

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

After Treatment Systems 101 – This class will cover understanding and troubleshooting after treatment emissions. Presenter: Dan Rice, MHC Kenworth

APP-Garden – Travel Tracker - In order to cultivate a rich learning environment in your school for students, you need tools that yield efficiency and effectiveness. This class will cover several applications for managing school operations. Presenter: Stewart Cook

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, Randy Henson, Robert Taylor

Be Safe, Not Sorry – A Look at Workplace Violence. This session will cover Defining Workplace Violence, Three Stages of Workplace Violence, Warning Signs of Workplace Violence and Preventing and/or Responding to Hostility. The presenter is Linda Van Noy-Stamp, a certified instructor for the American Management Association. She has an extensive background in training personnel from school districts, military and the private sector. She is a highly skilled designer, trainer and facilitator with over 20 years of experience in seminars, workshops and training modules. She has a Masters of Education in Instructional Technology. She holds Professional Certifications in the following: Prevention of Sexual Harassment, Leadership, Education, Development and Mediation.

Blue-Bird – ROUSCH Clean Tech – Propane Service– Objective: Provide an overview on the ROUSCH Clean Tech control system with emphasis on component identification, theory of operation and proper basic troubleshooting technique. Hands on training environment with certified Bluebird personnel.
Presenter: Joe Cogburn

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. Class is a given a total of two times.

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.

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. You must have the simulator on your laptop to participate in this session. Presenter: Derek Graham, State Director of Transportation for NC

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.

Dispatcher Training - Is it your goal to become your employer's next full time dispatcher? You must have these skills before taking the chair at the control center. Complete this path to learn what it means to be the heart and soul of a transportation department. Instructor: Ruth Hill, Cumberland County

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: Kent Frazier, Manager, DMV

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: Derek Graham, State Director of Transportation for North Carolina.

Delphi Diesel Training Class – Presenter: Steve Redmon

Diesel Equipment – Racor Filtration – BOSCH Diesel Common Rail Fuel Systems-

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.

GEOREF Systems – This is a presentation of student transportation management software, Presenter: Donald Linders, CEO

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

ISB6.7 CM2350 Engine Diagnostics – Attendees and classes are scheduled based on the beginning letter of your LEA. Presenter: Fred Cox, Cummins
Class is given a total of four times. A Thru C - D Thru J - L Thru P - R Thru Y

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 given a total of four times. A Thru C - D Thru J - L Thru P - R Thru Y

My TBB and Parts Pro 6 – This course will walk you through Parts Pro 6 and Thomas Built Bus Online. You will learn how to use online tools to look up parts, find vehicle registration information, and access parts manual and technical information. Instructor: Kelly Price and Michael Barham, Thomas

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

Lap / Shoulder Belt Counties - 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: DPI Staff

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

Lessons Learned from My 40 Years Plus at DPI – Steve Beachum will discuss his journey throughout the years with school transportation.

My TBB and Parts Pro 6 – This course will walk you through Parts Pro 6 and Thomas Built Bus Online. You will learn how to use online tools to look up parts, find vehicle registration information, and access parts manuals and technical information.

NC Best Bus Inspector Contest – Written Exam

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: Randy Henson

NC Law and Pupil Transportation - Hear from legal experts about the legal implications of bus routing, maintenance record keeping, fiscal monitoring, school bus driver procedures and more.
Presenter: Derek Graham

Opening Session – Members will be gathered together and hear from Buncombe County officials and our key note speaker, Lt. Ray Robinson. We will share the overview of the days ahead.

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

Ricon – Wheelchair Lift New Technology for Mechanics -This class will cover new technology in wheelchair lifts and the option of a second belt on the lift. Also understanding the difference between 1000 lbs. lift capacity and 800 lbs. This class will be held twice for mechanics. Presenter: Rick Thompson

Rifled Air Conditioning Class (Blue-Bird) – Maintenance and troubleshooting AC will be covered. The instructor will be Rod Brendle.

Rostra Precision Controls, Inc. – Highlight the availability and operation of Rostra offerings including the following: Student Detection System, Sentry Pro-Grade DVR System and School Bus Video Mirror
Presenters: Eddie McElligott and Bill Simmons

Roundtable on Bus Body and Chassis – You will meet with fellow colleagues to discuss issues relating to our school bus chassis. This session will help identify issues. Attendees are encouraged to talk to vendors at the trade show and discuss questions and concerns. Facilitator: Bobby Jones, Wake 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: Cinda Lewis, Carteret 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: TBA

Roundtable for Mechanics – 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 from DPI staff to LEA representatives in an open dialogue on Special Needs Transportation in your operation. Facilitator: Vicki Wilson, Special Needs Supervisor, Cumberland County Schools

Roundtable for TIMS Staff – This will be a TIMS networking session for only TIMS personnel; bring your tips, suggestions and experience to this session. Facilitator: Brandon Smith, Bladen County Schools

School Bus Shop Safety, Design and Organization –Carolina Thomas implemented a specific program (Platinum Support) into our facility and operations to improve organization and efficiency. Our facility is about 30 years old and looks brand new and is very organized, neat, clean, efficient and safe. The class will cover their successful approach to OSHA inspections, painting, service work and other offices. You will see ideas and plans to help make your bus garage a safe and efficient work place. Presenter: Tom Shaaf, Vice President / General Manager of Carolina Thomas.

Scooter The School Bus Safety Dog - Randolph Co DMV – Scooter and Wendy will demonstrate school bus safety tips. They are from Randolph County. Scooter and Wendy are from the DMV School Bus and Traffic Safety Section.

School Bus Stop Arm Violations Camera Panel – The panel will discuss the best practices and results to date. Presenter: Jeff Tsai

School Bus Dragging Incidents – A rash of preventable incidents where students have been caught in the door as they exit and are dragged. DPI and DMV staff will share resources that can be used to train and re-train drivers when they return for the 2016-17 school year.

Seon – This session will cover Max View, video playback software and Max Commander, wireless video download. Presenter: Joy Walsh

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.

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

Synovia – Product Demo -This is an overview of how to utilize GPS technology beyond the basics of bus tracking. Presenter: Eddie Sutton

The Pros and Cons of Standardizing Your School Bus Fleet – The state term contract and state replacement policies offer choices. It is a discussion about benefits and pitfalls of standardizing the model of buses that you purchase for several years in a row. Facilitator: Bob Peters, DPI

The Special Needs Students Meets the School Bus – How scary would it be to try to ride a big yellow bus when you are three years old and your legs are not long enough to reach the first step? What if you cannot stand certain noises and the strobe light on the top of the bus drives you crazy as you hear it turn? Or what if you cannot stand to be crowded and you must sit on the bus with students all around you. This is an informative class and discussion on helping special needs students adapt to the school bus with their different disabilities...physical and mental. Presenter: Carol Bowes, Person County

Time Flies – Don't Let it Get Away. – This session will cover the following:

The Importance of Managing Time Effectively

Time Wasters – Identify, Eliminate and Control
Methods to Better Manage Your Time

The presenter is Linda Van Noy-Stamp, a certified instructor for the American Management Association. She has an extensive background in training personnel from school districts, military and the private sector. She is a highly skilled designer, trainer and facilitator with over 20 years of experience in seminars, workshops and training modules. She has a Masters of Education in Instructional Technology. She holds Professional Certifications in the following: Prevention of Sexual Harassment, Leadership, Education, Development and Mediation.

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

Tire and Rims – Tire Tracking Software- This is a product demo from Michelin Tires.
Presenter: Tim McGee and David Twiddy

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: Randy Henson

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: Kermit Walden, Field Service Representative

Transportation Advisory Group – This session is open to all who work in pupil transportation. It is an open forum for discussion. Presenter: Don Byrnes, TAG Chair

Transportation Office Web Pages - What's on your Web Page? – This is a new session to network with transportation offices about their web pages and discuss the content. Shontia L. Davis will moderate this session. She is employed with the Charlotte-Mecklenburg Transportation Services.

Valuing Diversity – An Individual Journey. – The session will cover:

Diversity – What Exactly Is It?
Challenging Our Attitudes, Beliefs and Practices
Identifying Pitfalls Relating to Diversity and Avoiding Them

The presenter is Linda Van Noy-Stamp, a certified instructor for the American Management Association. She has an extensive background in training personnel from school districts, military and the private sector. She is a highly skilled designer, trainer and facilitator with over 20 years of experience in seminars, workshops and training modules. She has a Masters of Education in Instructional Technology. She holds Professional Certifications in the following: Prevention of Sexual Harassment, Leadership, Education, Development and Mediation.

Wrecker Training – A certified trainer on hand to demonstrate the correct procedures for using the wrecker. Presenter: TBA