**MECHANICS WORKSHOP – CONWAY HIGH SCHOOL**

**COURSE DESCRIPTIONS**

**JUNE 11 - 14, 2018**

**Are fuel additives right for your fleet? Greg White**, Schaeffer Manufacturing Co.

Will conduct one (1) one hour and 45 minutes class on: Are fuel additives an expense? Difference between summer and winter fuel additives. What are C-tane improvers. Do alcohol by-products help or hurt your fuel treatment program? Are anti-oxidants necessary in a fuel additive? What is treat rate and does the additive have to be added before or after refill? How to treat water in tanks. Cost to idle. Can you justify the expense of a fuel additive? **Class is** Thursday at 8:00 a.m.

**ACUTREAD TIRE PLANT TOUR: Fleet Tire & Retreading**, **Inc.** will conduct two (2) half - day plant tours. We use technically advanced equipment to achieve a precise remanufactured tire. Our equipment molds the tread on the tire and will create an overall diameter within 1/32 on an inch on every tire produced. We will run you through the process and show you the equipment that makes this possible. **Classes** will be on Tuesday with the bus leaving at 8:00 a.m. and 1:15 p.m.

**A/C PREVENTATIVE MAINTENANCE AND TROUBLESHOOTING:**   A representative of American Cooling Technology, will conduct three (3) half-day hands-on classes on basic refrigeration cycles, component definitions and preventative maintenance procedures. The class will also include troubleshooting guidelines, proper system charging as well as electrical and leak detection. **Each class is limited to 15 mechanics.** **Classes** will be on Monday at 1:15 p.m. and Tuesday at 8:00 a.m. and 1:15 p.m.

**AIR DISC BRAKES AND EMERGING TECHNOLOGIES**, **Doug King, Meritor** (sponsored by Central States Bus Sales) will conduct six (6) one hour and 45 minute classes on electronic stability control and overview, air disc brake preventive maintenance and failure analysis. These classes will be Wednesday 10:00 am, 1:15 and 3:15 p.m. and Thursday at 8:00 a.m., 10:00 a.m. and 1:15 p.m..

**Allison PM and Troubleshooting**:   **JR Gomme, United Engines** will conduct two (2) half day class that include: an 1 hour classroom lecture, discussing PM basics and troubleshooting  and a 3 hour segment in the shop with advanced hands on diagnostics utilizing Allison Doc program (Allison’s Online Diagnostic Program). This segment will include diagnosing valve body and control issues. These classes will be Wednesday at 8 a.m. and 1:15 p.m. in the Conway Body Shop building. Classes are limited to 25 mechanics.

**AIR S-CAM DRUM BRAKES**: **Doug King, Meritor** (sponsored by Central States Bus Sales) will conduct five (5) one hour and 45 minute classes on brake balance, brake adjustment, friction couple, failure analysis and predictive and preventive maintenance. These classes will be Tuesday at 8:00 a.m., 10:00 a.m., 1:15 p.m. and 3:15 p.m. and Wednesday at 8:00 a.m.

**ARKANSAS TEACHER RETIREMENT SYSTEM (ATRS):  A representative of the Arkansas Teacher Retirement System** will conduct four (4) one hour and 45 minute classes on retirement.  **You MUST include the last four digits of your social security number** when registering to ensure your personal printouts along with benefit estimates for those eligible to retire or enter the T-DROP plan. These sessions are for current members of ATRS or members of Arkansas Public Employees’ Retirement System (APERS) who are considering changing to ATRS. **Classes** are Wednesday at 10:00 a.m. and 1:15 p.m. and Thursday at 10:00 a.m. and 1:15 p.m.

**BASIC MIG / STICK WELDING: Jim Woods**, instructor,Conway School Districtwill instruct four (4) half day classes on Basic Mig / Stick welding with in class instruction and hands on in shop training. **Requirements are** long pants and some type of leather shoes (no sandals). **Classes** will be Tuesday and Wednesday at 8:00 a.m. and 1:15 p.m. **Class is limited to 12.** ONLY THOSE REGISTERED WILL BE ADMITTED.

**BASIC TIG WELDING:** **Jim** **Woods**, instructor, Conway School District, will instruct one (1) half-day class on Thursday at 8:00 a.m. This class will consist of classroom instruction and completion of hands on in shop area. **Class is limited to 8**. ONLY THOSE REGISTERED WILL BE ADMITTED.

**BEING A WINNER IN A LOSING SITUATION**: **Scott Curtis**, Bryant School District, will conduct five (5) classes on define what it means to be a winner. We will talk about how to be a winner in a couple of situations. "For example when you have a bus wreck, what should you do to keep everyone informed? When you have drivers say something that probably should not be said."  We should always take the high road. **Classes** are Monday at 10:00 a.m., 1:15 and 3:15 p.m. and Tuesday at 10:00 a.m. and 1:15 p.m.

**BLUE BIRD MULTI-PLEX SYSTEM & MAINTENANCE AND DIAGNOSTICS: Kent Pascoe,**  (sponsored by Central States Sales) will conduct five (5) half-day classes on the multi-plex system of the Blue Bird Chassis. He will take 30 minutes of class time to demonstrate Central States’ service and parts CD catalog. He will also address warranty procedures for Central States and Blue Bird. The sessions will also consist of maintenance, preventative maintenance and troubleshooting on Blue Bird’s Transit and Conventional Buses. **Classes** are Tuesday, and Wednesday 8 a.m. & 1:15 p.m. and Thursday at 8:00 a.m.

**BOSCH-ESI Truck/Bus HD Diagnostics:** **Bosch/OTC/Robinair** (sponsored by Crow-Burlingame Co.) These four(4) one hour 45 minute classes will provide you with the latest most up-to-date information tool in the market today on heavy duty diagnostics. Increase your shop efficiency with a tool that provides a single, intuitive interface that works on all trucks/buses and very easy to use. Operating DPF System service equipment/AC equipment and more will also be covered. You won't want to miss this class if you want to be prepared for what is coming to the bus industry. Classes are Tuesday beginning at 8:00a.m., 10:00 a.m., 1:15 p.m. and 3:15 p.m.

**BraunAbility Commercial DPA Lift Technical Training**: A representative from BraunAbility will conduct three (3) half-day classes. These classes will be classroom presentation including theory and operation, lift maintenance and lift lubrication Instruction on diagnosis and repair Hands-on demonstration including inspection, operational checks, and adjustments includes theory and operations. **Classes** are Monday 1:15 p.m. and Tuesday at 8:00 a.m. and 1:15 p.m.

**Charging Systems Training & Armature Service Tour:  Marion Jett with Leece Neville-Prestolite Corporation** (sponsored by Armature Service) will conduct (3) half day classes.  The objective of this course will be to understand and diagnose problems in the charging system, including battery issues.  (This will be a more hands-on type course in lieu of the normal classroom setting.)   In addition to class, a tour of Armature Service’s facility will also be provided.  The tour will show the process of how Armature Service rebuilds all DC units (i.e. starters, alternators, D.C. motors, etc.) and how they test & clean diesel particulate filters (DPF).  Due to safety regulations all participants must wear closed toe shoes and no one under the age of 18 will be able attend this class.   This class will be given on Wednesday at 8:00 a.m. and 1 p.m. & Thursday at 8:00 a.m.  Lunch will be provided to Wednesday classes only (Thursday class will be back in time to have lunch in Conway). Class limited to 20.

**COMPETITION: INSPECTOR: The ASBMA** will hold a **one-day** competition for inspectors. The competitors must take a multiple choice written test and determine 30 “must find” defects on a specific school bus. The winner will represent Arkansas at the National competition to be held in September. This competition is limited to one inspector from each district with no more than 30 competitors in each category and cannot be in the Technician competition. **Competition will be held Tuesday.**

**COMPETITION: TECHNICIAN: The ASBMA** will hold a **one-day** competition for mechanics. This competition will include both a multiple choice written test as well as hands on competition. Competitors will be required to troubleshoot and identify mechanical deficiencies in three different school bus components/systems. The winner will represent Arkansas at the National competition to be held in September. This competition is limited to one mechanic from each district with no more than 30 competitors and cannot be in the Inspector competition. **Competition will be held Wednesday.**

**CUMMINS WARRANTY  AND Q&A: Daniel Smithy and Joe Peyer**, Cummins, will conduct six (6) one hour and 45 minute sessions on general discussion of the Cummins Engine warranty and discuss your problems and how to solve them. These classes will be Wednesday at 8:00 a.m., 10:00 a.m., 1:15 p.m. and 3:15 p.m. and Thursday at 8:00 a.m. and 10:00 a.m..

**DRIVER FILES, RECORD CHECKS & DRIVER CERTIFICATION : Trisha Labit,** DPSAFT, will conduct two (2) one hour and 45 minute classes on the requirements and laws associated with maintaining records of school bus drivers. Also discussed are the procedures for maintaining records, establishing a procedure for notifying drivers of upcoming renewal of physicals and licenses, how long to retain the files and the bus driver certification. **Class** is Monday at 10:00 a.m. and Wednesday at 8:00 a.m and Thursday at 1:15.

**DPSAFT IN-SERVICE CLASS (2018-2019):** **Marvin Parks**, School Bus Driver Trainer, (DPSAFT), will conduct four (4) half-day classes. The class will cover skills, safety, laws and what to expect when getting the CDL. On completion of the class, the DPSAFT certification for the **2018-2019 school year** will be issued. **Classes** are Monday 1:15 p.m., Tuesday at 8:00 a.m. and 1:15 p.m., Wednesday at 1:15 p.m. and Thursday at 8:00 a.m.

**ELECTRICAL DIAGNOSTIC TRAINING:** **Stephen Borders,** BorgWarner-Delco Remy Heavy Duty Systems, will conduct four (4) one hour and 45 minute classes on a brief overview of the electrical system, discussing voltage drop and its effects on the electrical system, steps to take when diagnosing an electrical issue, and technological improvements to starters and alternators. **Classes** are Wednesday at 10:00 a.m, and Thursday at 8:00 and 10:00 a.m.

**ENGINE MANAGEMENT AND POST-PROCESSING CUMMINS EPA10-13**: **Lee Locklear in association with Texa, S.p.A.**, Sponsored by Mobile Distributor Supply will conduct four (4) half-day classes on analysis of fuel supply circuit, the electrical sensors, description of the SCR system, integration with the DPF system, testing the system and encodings and settings and much more. These classes will be Monday at 1:15 p.m., and Tuesday at 8:00 a.m., Wednesday at 1:15 p.m. and Thursday at 8:00 a.m.. Limited to 20.

**FAN CLUTCHES**: **Stephen Borders**, Borg Warner/Delco Remy (sponsored by Armature Service) will be conducting two (2) one hour and 45 minute classes. The objective of this course will be understand the operation & application of thermal viscous fan clutches, on/off fan clutches & 2 speed fan clutches. This course will also cover the repair procedure of the on/off air operated clutches. Classes are Wednesday at 1:15 p.m. & 3:15 p.m.

**FORKLIFT TRAINING: Jason Moix**, of Conway High School, will conduct two (2) half day classes on learning the proper way to operate class I, IV, V & VII Vertical Mast forklift operation. Trainees will need to pass a written test and driving test. After successful completion of training and test attendees will be issued a license. Classes are Monday 1:15 p.m., Tuesday at 8:00 a.m., Wednesday at 8:00 a.m. and Thursday 8:00 a.m. Classes are **limited** to 15.

**FOUNDATION BRAKE & SLACK ADJUSTER CLINIC:** **Todd Heim,** (sponsored by Stemco) will teach three (3) one hour and 45 minute classes covering examination of old components, brake shoe installation, slack adjuster installation and trouble shooting. **Classes** will be held at the Conway Bus Shop on Tuesday at 8:00 a.m., 10:00 a.m., 1:15 p.m. and 3:15 p.m.

**FRONT END, ACCESSORY DRIVE TROUBLE-SHOOTING & COOLANT SYSTEMS;** **Scott Clement**, of Gates Rubber (sponsored by Crow-Burlingame Co.) will conduct two (2) one hour and 45 minute classes. In-depth instruction and analysis of the ABDS system including: HD Belts, HD tensioners, HD hoses and couplings and problem-solving tips and services. Classes are **Wednesday** at 8:00 a.m. and 1:15 p.m.

**FUELS FOR TODAYS MARKET: Jim Lawrence**(sponsored by Chemsearch RLS) will conduct two (2) one hour and forty five minute classes. Fuels that are present in today’s market and what you can expect to see in the future. In this down-to-earth seminar, participants will learn the truth about the performance and the scams pertaining to what is one of the largest problems that has faced those who drive engines powered by diesel, bio diesel, blended fuel, CNG, LNG, E-85, E-15 and gasoline. Due to a combination of issues including government regulations, engine technology, storage problems, refining process and fuel companies that creates a perfect storm in today’s world. **Class** will be Monday 1:15 p.m. and Tuesday at 8:00 a.m.

**HEAVY DUTY BRAKE CERTIFICATION AND WHEEL END TRAINING: Matt Cupp**, Federal-Mogul will conduct three (3) one hour and 45 minute classes on D.O.T. heavy duty brake certification and wheel end trouble shooting and maintenance, including wheel seal and bearing installation. Recommended bearing adjustment will also be covered. Classes are Wednesday at 1:15 and 3:15 p.m. and Thursday at 8:00 a.m.

**How can the right lubricant make a difference in your fleet? Greg White**, Schaeffer Manufacturing Co. Will conduct one (1) one hour and 45 minutes class on: Have you lost a king pin recently? How often do you grease your buses and what is your procedure? How do you store your lubricants? What is your drain intervals on transmissions? Do you get water in your rear ends or seal leakage? Is conventional oil the best for the newer engines? Can you reduce fuel consumption with different oils? What does tradition have to do with lubricants? Is there a difference between price and cost when it comes to lubricants? Why consider using 10w30 diesel oil verses 15w40? Class will be Wednesday at 8:00 a.m.

**INTERNATIONAL LEGACY ENGINE: Jim Nichoalds** (Summit Bus) will be teaching two (2) half-day classes on standard operation, maintenance and diagnostics of international Legacy engines. Classes are on Monday at 1:15p.m. (bus leaves at 12:00) and Thursday at 8:00 a.m. (Bus will leave at 8:00) Lunch will be provided.

**IC BUS ELECTRONICS**: **Jim Nichoalds** (Summit Bus) will be teaching two (2) half-day classes on understanding diagnostics of the IC Bus electronics. Classes are Tuesday at 1:15 p.m. (Bus will leave at 12:00) and Wednesday at 8:45 a.m. (Bus will leave at 8:00). Lunch will be provided.

**IC BUS QUESTION AND ANSWER SESSION: Derek Castle** (Summit Bus) will be hold two (2) half-day classes on any IC Bus related issues. Classes are Monday 1:15 p.m. (Bus leaves at 12:00) and Tuesday 8:45 a.m. (Bus leaves at 8:00). Lunch will be provided.

**KING PINS AND WHEEL SEALS: Chuck Sorrow** (sponsored by Stemco) will teach four (4) one hour and 45 minute classes on king pin installation and removal, king pin inspection, wheel seal installation, Technology Maintenance Council bearing adjustment procedure, bearing inspection, and using a dial indicator to check bearing endplay. **Classes** will be held at the Conway Bus Shop on Monday at 10:00 a.m., 1:15 and 3:15 p.m.

**LOONEY’S TIRE PLANT TOUR FOR 2016:** Looney’s on the edge for updated technology in tire manufacturing and retreading. **Tour** is Tuesday 8:00 a.m., Wednesday and Thursday at 8:00 a.m.**. Bus will leave Tuesday, Wednesday and Thursday the bus will leave at 7:45 a.m..**

**NEW DETROIT ENGINES FOR THOMAS BUILT BUSES:** **Jason Eckelberry,**Midwest Bus Sales, will conduct two (2) one hour and 45 minute classes. We will talk about the two new model engines DD5 and the DD8 design and benefits that will soon be available in Thomas Built Buses. Classes are Tuesday at 10:00 a.m. and 3:15 p.m.

**NEW MECHANICS SEMINAR:** Paul Maddox, Clinton School District, will conduct two (2) one hour and 45 minute classes for all new mechanics. All new mechanics should take this course. Focus of the class will be familiarization of the workshop and the association. **Classes** are Monday at 10:00 a.m. and 3:15 p.m.

**OPERATION LIFESAVER:** **Ron Hale**, Operation Lifesaver Coordinator for Arkansas, will present two (2) classes on railroad safety. **Classes** are on Monday at 1:15 p.m. and 3:15 p.m.

**PAINT SEMINAR :** **Aaron Hennessee**, Conway School Transportation, will conduct three (3) half-day classes on basic automotive painting & fiberglass repair. Crow Burlingame will also sponsor a 30 minute presentation and supplies for the class. This class is limited to 15. **Classes** are at 8:00 a.m. on Tuesday, Wednesday, and Thursday. **Buses will leave at 7:45 a.m.**

**PRE-TRIP INSPECTION AND SCHOOL BUS INSPECTIONS:** **TomTDPSAFTD** **Jeremy Poole**, (DPSAFT) will conduct one (1) one hour and 45 minute class on performing a complete pre-trip inspection and school bus inspection. CDL guidelines will be addressed in this class. **Class** is Tuesday at 10:00 a.m.

**RECORD KEEPING (MAINTENANCE & REPAIR):** **Paul Maddox**, Clinton School District, will conduct one (1) one hour and 45 minute classes on how maintenance and repair is documented on each bus. This record keeping is detailed and maintained on 44 school buses. **Classes** are Thursday at 8:00 a.m. and 1:15 p.m.

**RICON WHEELCHAIR LIFT OPERATION AND MAINTENANCE:** **Tony Ward**, Ricon Wheelchair Lift Corporation, will conduct two (2) one hour and 45 minute classes on operation and maintenance of the wheelchair lift. **Classes** are Monday 10:00 a.m. and 1:15 p.m.

**SMALL ENGINE REPAIR**: **Jon Sturdivant**, DPSAFT School Bus Inspector, will conduct three (3) one hour and 45 minute classes on small engine diagnosis and repair for those mechanics that also have to maintain and repair the district machinery used for grounds keeping and maintenance. **Classes**are Thursday at 8:00 a.m., 10:00 a.m. and 1:15 p.m.

**SOUTHERN TIRE MART PLANT TOUR:** Kenneth Post will conduct one (1) half day tour on the fundamentals of retreading. This class will be Wednesday at 1:15 p.m. (bus leaving at 12:00). LUNCH WILL BE PROVIDED.

**SPECIFICATIONS GOVERNING SCHOOL BUS DESIGN:** Charles Crowder, Director of Public School Facility and Transportation**,** will conduct one (1) one hour and 45 minute classes on the Arkansas Minimum Specifications Governing School Bus Design. This course will cover how the specifications are developed and how they affect school districts when purchasing and maintaining public school buses. **Class** is Tuesday at 1:15 p.m.

**SUMMIT BUS (A**) is sponsoring one (1) two-part all day class on Wednesday (half-day will be Cummins and half-day PSI) PART 1: CUMMINS ENGINES (ISB AND L9): Cummins, classes that will provide information on basic engine knowledge including maintenance schedules and duty cycles. This class will provide a glimpse at the diagnostic software available through Cummins to include QuickServe online, INSITE and Powerspec. This class will have access to an ECM if a deeper dive into diagnostics is appropriate. PART 2: ALTERNATIVE FUELS: PSI (sponsored by Summit Bus) will have a presentation with an overview of the 8.8L propane and gas engines including diagnostics. Bus will leave at 8:00 a.m. This class is limited to 20. Lunch will be provided.

**SUMMIT BUS (B)** is sponsoring one (1) two part all day class on Wednesday (PSI half-day will be and half-day Cummins) PART 1: ALTERNATIVE FUELS: PSI will have a presentation with an overview of the 8.8L propane and gas engines including diagnostics. PART 2: CUMMINS ENGINES (ISB AND L9): Cummins, classes that will provide information on basic engine knowledge including maintenance schedules and duty cycles. This class will provide a glimpse at the diagnostic software available through Cummins to include QuickServe online, INSITE and Powerspec. This class will have access to an ECM if a deeper dive into diagnostics is appropriate. Bus will leave at 8:00 a.m. This class is limited to 20. Lunch will be provided.

**TECH / INSPECT – WHY YOU SHOULD PARTICIPATE: John Schooley,** (DPSAFT) School Bus Inspector, will conduct a one hour and 45 minute overview of the competitions that will be held on Tuesday and Wednesday, as well as an explanation of the national competition. Sit in and find out how the competition will be conducted and how it can benefit you! **Class** is Monday at 3:15 to 5:00 p.m.

**THE ULTIMATE LUBRICATIONS FOR THE UPCOMING FLEETS OF TOMORROW: Jim Lawrence**, (Sponsored by Chemsearch RLS) will conduct two (2) one hour-forty five minute classes. Proposed category 11(PC-11) changes in Lubrication initiative and updates on Organization Engine Manufacturer (OEM), American Petroleum Institute (API) and Lubrication Manufactures. This session will discuss lubrication changes on additives, classification, category, efficiency, stability, technology and more on future fleets. This is heavy on common sense and open for discussion, recommendation and experiences with your present and future fleets. Classes are Monday 3:15 p.m. and Tuesday at 1:15 p.m.  
**THOMAS C2 MAINTENANCE: Jason Eckelberry,**Midwest Bus Sales, will conduct one (1) one hour and 45 minute class on the proper maintenance of C2 buses. This class will be Monday at 10:00 a.m.

**THOMAS C-2 MULTIPLEX WIRING DESIGN AND TROUBLESHOOTING:** **Jason Eckelberry**, Midwest Bus Sales, will conduct one (1) half-day class. This is an advanced troubleshooting class for the multiplex wiring system on C2 school buses. Training on using computer software to help diagnosis electrical problems and trace down shorts and non-functioning consumers. This class is on Monday at 1:15 p.m.

**THOMAS/FREIGHTLINER/DAIMLER DIAGNOSTIC LINK: Jason Eckelberry,**Midwest Bus Sales, will conduct two (2) one hour and 45 minute classes on the new diagnostic software that is taking the place of Service Link. Software is used to help facilitate the proper and timely diagnosis of electrical issues with the C2 Thomas bus. Classes are Tuesday at 8:00 a.m. and 1:15 p.m..

**TIRES:** **Steve Gray**, (sponsored by Looney Tire) will conduct two (2) one hour and 45 minute classes on the basics of tires, and how retreading reduces your tire cost. **Classes** are Monday at 1:15 and 3:15 p.m.

**TRAINING FOR TIE-DOWNS:** **Janet Clarke**, DPSAFT trainer, will offer four (4) classes Wednesday on the installation, use and maintenance of the wheelchair restraint system.  Classes are at 8:00 a.m., 10:00 a.m., 1:15 p.m. and 3:15 p.m.

**TURBOCHARGER OVERVIEW & ARMATURE SERVICE TOUR**: **Armature Service** will be sponsoring and conducting (2) half day classes. The objective of this course will be to understand turbocharger functionality, how to properly install a turbocharger, the common failures of a turbocharger, other systems presenting as a potential turbocharger failure & other systems that could lead to pre-mature failure. In addition to class, a tour of Armature Service’s facility will also be provided.  The tour will show the process of how Armature Service rebuilds all DC units (i.e. starters, alternators, D.C. motors, etc.) and how they test & clean diesel particulate filters (DPF).  Due to safety regulations all participants must wear closed toe shoes and no one under the age of 18 will be able attend this class.   This class will be given on Tuesday at 8:00 a.m., and 1 p.m.  Lunch will be provided to both classes.  Class limited to 20.

**VANTAGE: WHATS IT ALL ABOUT?**: Jim Haffarnan (Blue Bird) and Randy Schumacher (Central States Bus Sales) will conduct four (4) one hour and 45 minute classes on looking up parts, getting schematics, checking on warranty and how the district can get connected. If your shop has a lap top feel free to bring it with you. These classes will be on Wednesday at 1:15 p.m. and 3:15 p.m. and Thursday at 10:00 a.m. and 1:15 p.m.

**VIDEO SECURITY AND GPS DATA ON SCHOOL BUSES:** **Bill King**, KLC Video Security, will conduct two (2) one hour and 45 minute classes on how to install cameras and DVRs in school buses, how to retrieve video and GPS data from equipment, and how to send video to different campuses and buildings without leaving your office. **Classes** are Wednesday at 10:00 a.m. and 1:15 p.m.

**Why should you takes samples of fuel, engine oil and transmission fluids?**

**Greg White**, Schaeffer Manufacturing Co. Will conduct one (1) hour and 45 minutes class on: What samples tell you about your equipment? The proper way to take an oil sample and how often? When and why would you take a sample? The proper way to take a transmission samples. Will samples protect you against engine manufacturers in a warranty issue? How to sample fuel tanks and how often? Do you need to take oil samples when extended periods on oil drains? How to prepare a sample for mailing to get it through the post office? This class will be held Thursday at 1:15 p.m.

**Wix Filtration:** **Jay Anderson**, Wix Corporate Trainer,(sponsored by Crow-Burlingame Co.) will conduct four (4) one hour and 45 minute classes on the benefits of Cooling System Maintenance (organic acid and traditional formulations, filtration, etc.) alternative fuels and changing emissions regulations and how they relate to fuel delivery systems maintenance. Classes are Tuesday at 8:00 a.m., 10:00 a.m., 1:15 p.m. and 3:15 p.m.