

CASTO Mechanic/Supervisor Workshop

Program Synopsis

June 30 & July 1

South Lake Tahoe High School



Wednesday, June 29

Registration, Lakeland Village, outside the lobby 4:00-6:00pm

Thursday, June 30

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|-----------------|--|------------------------|
| 7:00 – 7:30 am | Registration/Continental Breakfast/Trade Show | GYM |
| 7:30 – 8:00 am | Welcome, Jennifer Hanshew, CASTO President America's Best Technician Competition and Briefing | Theater |
| 8:00 – 9:30 am | OEM @ Aftermarket Emission Filter Systems Instructor: <u>Daryl Trueblood</u> <i>Part One of a two-session training</i> This training session will cover the background and basic overview of the Functionality, Operation and Maintenance of the OEM & Aftermarket Emissions systems. | SU2 - Angora room |
| 8:00 – 9:30 am | Allison Transmission Instructor: <u>Robert Hooper</u> <i>Part One of a two-session</i> This training session will cover Maintenance & Troubleshooting for fleets using Allison 1000, 2000, 3000 and 4000 transmissions. | Theater |
| 8:00 – 9:30 am | ACT Cooling Instructors: Rick Eyer/Craig Burton American Cooling Technology, will conduct a session on Bus AC Repair Procedures. The session will include system familiarization, preventative maintenance guidelines and troubleshooting techniques. In addition, the session will also cover leak detection as well as inspection of defective parts to avoid future reoccurrences. | SU4 - Fallen Leaf room |
| | <u>Supervisor Class</u> | Screening Room |
| 8:00 - 9:30 am | Shop Hazardous Materials and Employee Training Requirements Instructor: <u>George Goobanoff</u> , George Goobanoff and Associates Description: In School Transportation, we focus on driver training, however the shop is a highly regulated area with State and local regulations governing hazardous materials and OSHA requirements governing the training of employees and the documentation of that training. This program will give an overview of these requirements. | |
| 9:30 – 10:15 am | Break/Trade Show | GYM |

10:15 – 11:30 am **OEM @ Aftermarket Emission Filter Systems** **SU2 - Angora room**
Instructor: Daryl Trueblood
Part Two of a two-session training
This training session will cover the background and basic overview of the Functionality, Operation and Maintenance of the OEM & Aftermarket Emissions systems.

10:15 – 11:30 am **Allison Transmission** **Theater**
Instructor: Robert Hooper
Part Two of a two-session training
This training session will cover Maintenance & Troubleshooting for fleets using Allison 1000, 2000, 3000 and 4000 transmissions.

10:15 – 11:30 am **Seon Video Systems** **SU4 - Fallen Leaf room**
Instructor: Bruce Cole
Best DVR & Camera installation practices, troubleshooting techniques, positioning your cameras and configuring your DVR. Software training & wireless downloading questions will be taken by request.

Supervisor Class **Screening Room**

10:15 - 11:30 am **Legal Requirements and Best Practices for Personnel Management**
Instructor: Nancy Klein, Attorney, School & College Legal Services
Description: School Districts must follow the personnel requirements of the Education Code. In addition, many districts have collective bargaining agreements that have additional requirements. This program will focus on leave requirements, documentation, evaluations, and best practices for supervisors.

11:30 – 1:00 pm **Lunch/Trade Show** **GYM**

1:00 – 2:30 pm **Prestolite** **SU2 - Angora room**
Instructors: Mark Timerman & Leece Neville
ABC's of charge and start systems. Whenever you have batteries or alternators not living long, we want you to think of ABC's, **A**lternator, **B**atteries and **C**abing. When all of these are properly installed and maintained, then your batteries and alternators should live a long time. We cover how to diagnose charge and start systems with a big emphasis on voltage drop testing and how batteries work.

1:00 – 2:30 pm **BENDIX** **Theater**
Instructor: Jeff Parker
Part One of a two-session training.
Operation of Bendix ADB-22X Air Disc Brake, how to inspect, perform pad change, maintain and repair components. In addition, a short preview of School Bus Electronic Stability Programming (ESP) will show Advanced Safety System operation to mitigate Roll-overs and loss of driver control due to slide-outs.

1:00 – 2:30

TrimFlex

SU4 - Fallen Leaf room

Instructor: Paul LaMontagne

How to reduce your repair costs to less than one dollar per seat. Do repairs on the bus without removing seat cushion or cover. Also, tips for any seat repair method are part of this class. This is a Hands On Training!

Supervisor Class

Screening Room

1:00 – 2:30 pm

ASE Mechanic Certification

Instructor: Walt Commans, Automotive Service Excellence

Description: Have you ever wondered why there is no legal requirement for school bus mechanic certification in California? ASE offers certification pathways in a variety of vehicle maintenance pathways. This program will explore the rigor of the program and how it can benefit you and your school district.

2:30 – 3:15 pm

Break/Trade Show (Last chance to see the Trade Show)

GYM

3:15 – 4:45 pm

Blue Star Gas Propane Technology

SU2 - Angora room.

Instructor: Lynnette Brinkman

Transportation providers are invited to learn what tools, what maintenance, and what requirements are needed to make a transition in there Fleet. Seminar will also include information regarding the properties of propane, safety, general industry advancement, common code and cost requirements for installing low emission refueling equipment and the benefits of utilizing clean burning Propane Autogas.

3:15 – 4:45 pm

BENDIX

Theater

Instructor: Jeff Parker

Part One of a two-session training.

Operation of Bendix ADB-22X Air Disc Brake, how to inspect, perform pad change, maintain and repair components. In addition, a short preview of School Bus Electronic Stability Programming (ESP) will show Advanced Safety System operation to mitigate Roll-overs and loss of driver control due to slide-outs.

3:15 – 4:45 pm

Ricon Wheelchair Lift Systems

SU4 - Fallen Leaf room

Instructor: Larry McNutt

From the heavy-duty Titanium Line of S-Series and K-Series to the high-visibility KlearVue and FMVSS wheelchair lifts, Ricon sets the industry standard. This training session will cover general electrical, lift adjustments, repair and troubleshooting.

Supervisor Class

Screening Room

3:15 – 4:45 pm

Seon Camera Systems

Instructor: Malinda Sandhu

We Have cameras, Now What?

Being efficient with digital video, spec'ing your buses & making use of vendor resources.

Friday, July 1

7:15 – 8:00am

Continental Breakfast

8:00 – 9:30 am

School Transportation Vehicle Maintenance Best Practices Theater

Instructors: Tim Purvis, Director of Transportation, Poway Unified

Phil Medved, Vehicle Maintenance Supervisor, Poway Unified

Description: This program will highlight legal requirements and best practices in school bus vehicle maintenance shops. It will include key performance indicators and baselines that can help a program assess its effectiveness.

9:30 – 9:40 am

Break

9:40 – 10:40

CHP Motor Carrier Updates

Theater

Instructors: Cullen Sisskind, Craig Weaver

CHP Motor Carrier Division Commercial and Technical Section

Description: This program will provide an overview of school bus vehicle maintenance requirements under Title 13 of the California Code of Regulations. It will review the elements of a terminal inspection. In addition the program will provide updates on any new information from the Commercial and Technical Section of the CHP that oversees local Motor Carrier Inspectors that may be important for school bus operators to know.

10:40 – 10:50 am

Break

10:50 – 11:10 am

School Bus Talk

Theater

Each Bus Company will discuss the technical side of their buses, what is new, what attendees will see in the near future, what training is available, parts and service updates, locations, factory tours and anything else of interest to the mechanics and supervisors.

11:10 – 11:30 am

**America's Best Technician Competition Awards
Closing Remarks & Door Prizes**

Theater