



Greetings Fellow CAT Members,

The Rio Hondo College Automotive Program would like to invite you to the Fall 2018 California Automotive Teachers conference to be held October 19th and 20th in Whittier California.

Below you will find a list of local Hotels, Tours and other attractions. If you will be visiting us for a longer period of time please contact Monica Francis at mfrancis@riohondo.edu for events and a little 'guide' that can be emailed to you with eateries and entertainment. We have also enclosed a final list of Presenters scheduled for the conference.

Registration opens on: September 1st, 2018.

Check the website for the most up to date information: www.calautoteachers.com

CONTACT INFORMATION:

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Steve Tomory (Presenters/Breakout Sessions)
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Michael Dighera (Vendors)
Automotive Professor
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Eric Olson/Marius Dornean (Parking/Dinner/Lunch/Other)
Automotive Instructor/Heavy Equipment Instructor
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PRELIMINARY CONFERENCE SCHEDULE:

Friday October 19th;

Tours – Day/Afternoon
BAR Meeting Update – Evening
CAT Board Meeting – Evening
Member Dinner – Evening

Saturday October 20th;

Member Check- In and Exhibitor Displays – Morning
Morning Breakout Sessions
Lunch Meeting/Exhibitors
Afternoon Breakout Sessions/End of Conference Raffle

TOURS:

Each bus will leave from parking lot “H”, Rio Hondo College at 9:15am and will be returning to campus at approximately 12:20-1:00pm.

ONLY REGISTERED GUESTS RIDING ON BUSES WILL BE ALLOWED TO PARTICIPATE IN THE TOURS.

SCAQMD Emission Laboratory – Daniel Wong

- 10:00 am-12:00 pm
- \$15.00
- 20 people max, (minimum of 10)
- **Walking tour does require comfortable shoes, (no shorts or sandals) no computers allowed in the main laboratory, there is a security check to get into the laboratory.**

Tour will be on the history of the SCAQMD. The ongoing legislation supporting Clean Air. How the district monitors the air quality. Tour of the emission laboratory including the air sampling room. Tour of the high voltage charging station, tour of the Hydrogen fueling station.

Phoenix Decorating Company, Irwindale

- 10:00 am – 12:00 pm
- \$15.00
- 20 people max, (minimum of 10)
- Walking tour does require comfortable shoes, (no shorts or sandals).

Walking tour includes design and fabrication of floats from concept to reality. All float construction and decoration takes place at this state of the art 110,000 square foot facility (2.5 acres), this site, Rose Float Plaza South was specifically designed by Phoenix Decorating Company and the Tournament of Roses to become a one-stop destination for public viewing of float decoration and all things Rose Parade.

NHRA HOTROD Museum, Pomona

- \$15.00
- 25 people max, (minimum of 10) walking tour only. 10:00 am-12:00 pm

Housed in a 28,500 square foot building on the edge of the historic Los Angeles County Fairplex, the Wally Parks NHRA Motorsports Museum's mission is to celebrate the impact of motorsports on our culture. We collect, preserve, exhibit and interpret the vehicles, stories, and artifacts that represent our affection for, and the influence of Automotive speed and style in all its forms. We are the place to view and learn about hot rods, customs, racecars and speed records, and the West Coast's role as the historic center for their past and present development.

John Force Museum – Yorba Linda

- 10:00 am – 12:00 pm
- \$15.00
- 20 max (minimum of 10)

The John Force Race Station Museum and Collectibles store located at the John Force Racing headquarters in Yorba Linda, California hosts a large collection of John Force Funny Cars from the 70's and 80's, as well as championship Funny Cars and Dragsters driven by Robert Height, Courtney Force, Brittany Force and Ashley Force Hood. Personal collection memorabilia on third floor and CNC machine shop tour.

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ONLY REGISTERED GUESTS RIDING ON BUSES WILL BE ALLOWED TO PARTICIPATE IN THE TOURS.

OTHER ATTRACTIONS:

<p>Knotts Berry Farm 8039 Beach Blvd. Buena Park, CA 90620</p>	<p>Medieval Times 7662 Beach Blvd. Buena Park, CA 90620 1.888.935.6878</p>	<p>Los Angeles Arboretum 301 N Baldwin Ave Arcadia CA 91007 626.821.3222 https://www.arboretum.org</p>
<p>Universal Studios 100 Universal City Plaza Universal City, CA 91608 Metro line available (Gold to Red line)</p>	<p>Disneyland Park 1313 Disneyland Dr Anaheim, CA 92802 (park closes early due to Halloween events please check times)</p>	<p>Petersen Auto Museum 6060 Wilshire Blvd. Los Angeles, CA 90036 323.964.6331</p>

HOTELS:

<p>Primary Hotel: Double Tree by Hilton Los Angeles – Rosemead, CA</p>	<p>888 Montebello Boulevard Rosemead, CA 91770 323.201.3459</p>
<p>Discounted Rate: \$159.00 for any Standard King or Double Bed Room</p>	<p>Group Website: https://doubletree.hilton.com/en/dt/groups/personalized/L/LAXRMDT-CAT-20181019/index.jhtml?WT.mc_id=POG</p>
<p>Secondary Hotel: Fairfield Inn & Suites by Marriott Los Angeles – Rosemead</p>	<p>705 San Gabriel Boulevard Rosemead, CA 91770 323.726.1111</p>
<p>Discounted Rate: \$165.29 for any Standard King or Double Bed Room</p>	<p>Reservations must be made and guaranteed before September 18, 2018 or room block will be released back to inventory</p>

FINAL LIST OF PRESENTERS AND EXHIBITORS

Thomas Snyder

Electude USA

“Matching the Learning Materials to the Learners”

Study after study show that today's automotive students resist reading textbooks. So if books are a problem, what is the solution?

Many instructors are using alternative learning materials which allow their students learn with improved results.

This presentation will give the attendees some new ideas, challenge some common practices and provide insight into how other instructors deal with similar challenges. It will focus on concepts that the attendees can apply to their own educational setting.

Andrew Rezin

Pearson Higher Education

“Leadership: An Essential Skill for ALL Students and Teachers”

Leadership is an important, yet often understood, skill that we all need to become more effective in our role in life. Leadership is not limited to position. Great innovations and major changes in our world have been the result of people inspired to lead from where they were in their organization and in their life.

Join us as we take a deeper look at this very important trait and how to use it more effectively.

Sean Lannoo

Continental Automotive Systems

“TPMS Holding Up the Bay? Learn the VDO Way”

Attend this training class to learn:

- Vital TPMS service tools and functions
- Correct maintenance and service techniques
- Importance of the Relearn procedure
- Important legislature
- System types and how they operate
- Preventive maintenance
- 30 minute hands-on demonstration - using the TPMS Tool and Relearn procedures.

Lyle Taylor

ATech Training, Inc.

“Discover the Benefits of Using ‘Hands-On’ activities While Teaching Electrical/Electronic Diagnostics in Today's Classroom”

Exploring the need for “Structured Skilled Development” can still be one way to approach training; by building from fact to understanding, working from simple to complex, learning through discovery, and then transferring knowledge to problem solving. While taking this approach we will explore teaching methods to incorporate more hands-on activities in classroom, using computer based training and a number of electrical trainers with hands-on activities. Focusing on teaching diagnostics and

Jim & Brad Halderman

Pearson Education

“Tire and Wheel Update”

Brad Halderman, a tire engineer, will join me to answer all your questions about tires such as:

- What is the correct inflation pressure? The placard?
- The “quarter” test instead of the “penny” test?
- What do those painted dots on the sidewall mean?
- What does “MO”, “TPC”, “NO” and a star on the sidewall mean?

A FREE copy of the presentation will be posted to my website.

David Crippen

Automotive Consulting & Training

“Solving Diagnostic Repair Issues Using Critical Thinking Skills”

This seminar will focus on developing a critical thinking process for approaching automotive repair and diagnosis. The seminar will discuss how to use mind mapping and other techniques to solve those difficult diagnostic repair issues. The critical thinking process development will use actual case studies and technicians will be given a workbook that they will use to develop their own mind mapping and critical thinking skills and strategies.

troubleshooting while in the classroom.

Peter Oliver

Switch Vehicles, Inc.

“Importance of Proper Battery Preparation and Maintenance for Electric Vehicles”

In this session you will learn how to prepare batteries for installation into new or existing battery arrays for use in an electric vehicle. How to charge and balance cells or batteries before use or how to integrate replacements into an existing traction battery.

Cory Jang

Bureau of Automotive Repair

“Bar Updates”

Larry Engelbrecht

ASE Evaluation Team Leader (ETL)

“Curriculum Realignment Modeling for ASE Education Foundation (formerly NATEF) MAST Programs”

Attention College Administrators and Instructors: Realign Your ASE Education Foundation (formerly NATEF) Auto Catalog Courses to Fast Track Your Students for ASE Certification and Employment in as Little as Half the Time. ASE Education Foundation adjusted its accreditation structure in response to industry demands. Is your college course catalog still aligned with the now obsolete vertical accreditation model? See how you can significantly increase your MAST program’s value for both students and employers.

Steven Griffith

Horizon Educational

“Hydrogen: Fuel of the Future”

We will be giving a brief overview of Fuel Cell Technology and will discuss how hydrogen has begun to emerge as a realistic alternative fuel source in our current world economy. We will also be going over trends related to the hydrogen economy here in California with a special emphasis on developing Fuel Cell Technician training programs.

Armando Hernandez

Schurr High School

“High School Alt Fuels Class”

This presentation will Give examples of Teaching an A-G approved Class and using a University Based Capstone Project as the Practical Assessment. Students will be present to explain the Designing and building process of a high mileage vehicle that will be used in the high school setting. examples and results of previous Shell Eco-Marathon Competitions will be presented with video and pictures.

Steve Tomory

Rio Hondo College

“Automotive Technology Bachelor of Science Degree Students Senior Project Seminar”

This session will provide the attendee with a summary of selected Students' Senior Projects who are nearing completion of the Automotive Technology Bachelor of Science Degree. The Senior Project is a 4-unit Directed Studies Course and is a graduation requirement of the program. It provides an opportunity for the Student to expand their studies beyond the classroom by completing a project/assignment arranged in agreement between the Student and the Instructor.

Ian Hamilton

Cengage

“Building Career-Ready Students with Cengage”

Join Ian Hamilton from Cengage as he discusses how Cengage Transportation solutions build pathways to employability for your students by:

- Leveraging industry partnerships with ASE and S/P2 to drive career readiness
- Promoting access and affordability with Cengage Unlimited
- Utilizing Theory simulations where students apply fundamental concepts and master practical tasks common in the Transportation industry

Plus, you'll get the chance to explore other new digital enhancements that help you prepare your students for the workforce!

Skip Saurman

Automotive Service Consultants/Megatech Corporation

“Understanding Sensors and Control in Automotive Applications”

Hands-on demonstrations through active participation to help your students understand sensors and control in automotive systems; including specific automotive components, circuitry, and the Electronic Control Unit or ECU. Digital and analog inputs, computer processing, and actuators/outputs will be covered with simple worksheets, experiments and discussions. If you’ve got a portable lab scope, bring it along!

“FREE Automotive Training Aids!”

You don’t believe anything is free, do you? No, but we’ll show you how to purchase automotive trainers, obtain assistance for program accreditation, procure tools and equipment through constructive grant writing. Only two people can write an effective grant. A grant writer who doesn’t know anything about the automotive program and the automotive instructor who doesn’t know how to write a grant. We’ll attempt to fix that and provide you with plenty of resources, too.

Peter Oliver

Switch Vehicles, Inc.

“Importance of Proper Battery Preparation and Maintenance for Electric Vehicles”**Bill Brayton**

Automatic Transmission Rebuilders Association

“Basic Hydraulic FUN-damentals:

This information packed presentation is a great refresher or introduction to Automatic Transmission Hydraulic systems. In this presentation we will cover valve types. How to tell the differences between valve types and how to identify valve types using hydraulic schematics.

You will be given a hand out that is easy to understand and you will be able to use in your classrooms right away!

Bryan Perrin

Automotive Training Group

“Advanced Fuel Trim Strategies and Converter Diagnosis”

How to understand and recognize advanced fuel controls used by manufacturers including rear sensor fuel control. Demonstrate advanced converter diagnostics and why conventional converter tests are not adequate to diagnose today's vehicles, including monitors and emission failures.

Dick Krieger

ConsuLab

“45 Tips to Improve Your Program’s Viability”

Do you have frustrations as an automotive

In this session you will learn how to prepare batteries for installation into new or existing battery arrays for use in an electric vehicle. How to charge and balance cells or batteries before use or how to integrate replacements into an existing traction battery.

Craig Kielb/David Bjurlin

LAB Corporation

Craig Kielb of Butte College will be working with us to share his experience with our equipment and how it helped prepare his students for the ASE L3. We will also go over and discuss different types of Hybrid/Electric vehicles on the market today and what would be best for the students to learn in this ever growing field.

Dave Capitolo

Automotive Engine Builders Association

“Incorporating Online Training Into The Classroom”

De Anza College Auto Tech Instructor Dave Capitolo will go into to detail on how you can save both preparation and class room time by using AERA's Online Training Program. Dave will go into detail on how he gets his students engaged and why he has such a good student success rate in all of his engine classes.

PAYMENT:

Please Note! CAT now only accepts credit card payment for the conference and dues. For the few of you who used PO and district payment we suggest a district credit card or pay with a personal credit card and submit for reimbursement. It was our intention to have this letter along with some of our workshops available to you 1 month before registration opens so you have time to submit a request to attend.

teacher? The answer is absolutely, YES and they are pretty much universal to every instructor in the country. What seem like insurmountable problems and challenges may have solutions. This class presents proven ideas, strategies, plans and ideas that if adopted can certainly result in your programs growth and viability.

“A/C Updates, New Components & SAE J-Standards”

This course is designed to provide instructors with resources and ideas to assist them in teaching students the latest information on today's new A/C technologies. Topics to be discussed include: new alternative refrigerants including the R1234yf, new government A/C regulations, EPA standards, variable displacement compressors, hybrid compressors, PWM compressor controls, oils and evaporators & condensers. In addition, A/C system testing, new RRR machines & leak detectors, and aftermarket materials concerns are covered.

CAMPUS DIRECTORY



BUILDING LEGEND

A Administration	BS Bookstore	L L Building	PB Information/Parking Booth
AJ Administration of Justice	CI Campus Inn	LQ Lower Quad	PE Physical Education
AJA Administration of Justice Annex	CP Central Plant	LRC Learning Resource Center	S Science and Math
AT Applied Technology	CR Central Receiving	M Music	SS Student Services
ART Art	CDC Child Development Center	MC Modular Classrooms	SU Student Union
B Business	CT Courts (Tennis)	MN Maintenance	UQ Upper Quad
BB Black Box Theater	G Gymnasium	O Observatory	W Wray Memorial Theater

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