



ICAIA NEWS



ILLINOIS COLLEGE AUTOMOTIVE INSTRUCTORS ASSOCIATION

On the web at: www.icaia.org

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From the Driver's Seat



As we face the start of another school year, we are facing turbulent times. As I write this many of us have just found ourselves facing extremely turbulent weather and all the

challenges that come with it. It seems that those of us in the automotive industry are also facing turbulent times with many challenges. The media of late has bombarded us with terms and issue such as global warming, pollution, vehicle emissions, rising gas prices, and the need for fuel economy.

We are fortunate that the I.C.A.I.A. exists to help us to continually update and refine our understandings in the automotive field.

Automotive technicians play an extremely important role in maintaining vehicles so that they can run properly and efficiently, while in constant pursuit of More Power! Solutions to many of the issues and challenges we face seem to be rooted in increased technology. It is vital that we continue to prepare students for the challenges of today as well as new developments of the future. Only through our continuing education in the I.C.A.I.A. will we be able to meet these demands and establish our trades' position as highly \$valued\$.



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From the Driver's Seat

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The first opportunity to do so this school year will be the upcoming conference at Lincoln Land Community College. I can assure you that we will provide valuable update training that will help deal with current issues and satisfy us all in our search for More Power!

I look forward to seeing you at the upcoming conference October 4th and 5th at Lincoln Land Community College.

Sincerely,

*Dave Ligman
Hoffman Estates High School
2007-2008 ICAIA President*

Thank You U-46 South Elgin High School

The 63rd semi-annual ICAIA Conference was hosted at U-46 South Elgin High School on March 29th and 30th.

The conference had 125 members pre-register and 28 additional walk-ins for a total of 153 members in attendance. At the conference, members gather the latest information from the tradeshow vendors and were able to attend the numerous update seminars.

***ICAIA would like to thank the staff at
U-46 South Elgin High School for a job well done!***

Mission and Purposes - Illinois College Automotive Instructors Association

The Illinois College Automotive Instructors Association (identified as ICAIA) is dedicated to providing comprehensive automotive technology education and training for its membership on a semi-annual basis.

Its members shall consist of both secondary and post-secondary automotive technology instructors, individuals whose livelihood is directly related to the automotive industry, and students who are pursuing a career in automotive service and repair. (Even though the association has Illinois in its name, individuals residing in surrounding states are encouraged to become members).

ICAIA will support state and national organizations that can aid in the betterment of Vocational and Technical Education, especially those that support programs that prepare individuals for careers in the automotive service industry.

The following purposes are of equal importance in realizing the mission of the ICAIA:

- To provide automotive instructors with current technical information semi-annually.
- To utilize technical seminars, equipment displays, and training aids to further upgrade automotive technology instructors.
- To allow networking and interactions between professional colleagues and individuals from industry during ICAIA conferences.
- To provide up-to-date technical automotive career education that meets the needs of students, business, and industry.
- To award scholarships to automotive technology students as directed by the ICAIA Board of Directors.

Conference Hotels

Host Hotel



Route 66 – Hotel & Conference Center

625 E. Saint Joseph St.
Springfield, IL 62703
Phone: 217-529-6626
Toll Free: 888-707-8366
Fax: 217-529-4666

Located 5 easy miles from the LLCC Campus
and close to night life in Springfield

Room Rate: \$66.00 (plus tax)

Other Local Hotels

Baymont Inn & Suites

5871 S. 6th St. Frontage Road
Springfield, IL 62703
Phone: 217-529-6655
Fax: 217-529-6510

Room Rate: \$62.00 (plus tax)

Ramada Limited

5970 S. 6th St. Frontage Road
Springfield, IL 62703
Phone: 217-529-1410
Toll Free: 800- 2-Ramada
Room Rate: \$65.00 (plus tax)

Fall 2007

64th ICAIA Conference

October 4-5, 2007

Hosted by:



Lincoln Land Community College

**5250 Shepherd Road
Springfield, IL 62794-9256
(217) 786-2416**

Contact Information

Dick Rogers, Automotive Instructor

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Please pre-register.

Mail all registration items to:

Art Koudelka, ICAIA Executive Treasurer
Illinois Valley Community College
815 N. Orlando Smith Ave.
Oglesby, IL 61348-9692

Registration forms are available
on the ICAIA website: www.icaia.org

*Driving directions and maps are available on the ICAIA website
www.icaia.org*

ICAIA Banquet Guest Speaker, J. Garth “Butch” Elzea

Butch Elzea, attended University of Missouri on a football scholarship and received a BS in business in 1969. With his father and grandfather their business has been established for over 85 years in the central Illinois area. Butch operates 10 Napa stores in the area. He was named President of his state association and named Man of the Year in 1989. He was honored in 2004 as the recipient of Springfield Small Business Chamber “Person of the Year” Award for business exceeding \$1 Million in sales.

Butch has headed the Friend in Deed Charity Golf Outing for the last 10-12 years raising more than \$1.2 million for the poor. He serves on several charitable boards including the Sangamon County Charitable Foundation. St. Martin de Porres and currently is chairman of Project Southwind Park which is a national model of an ADA accessible park. The park will be developed and designed to accommodate disabilities of all types and will estimate range from \$31-37 million upon completion.

ICAIA Database Report

Currently, there are 259 dues paying and retired members.

Let me know if you plan on retiring, so I can change your dues status in the database.

A new copy of the updated database will be passed out at the fall conference.

If you have any questions, comments, concerns, or corrections, please contact me at:

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Cool Seminars Scheduled at Conference

A motorsports secret will be divulged at the 2007 Illinois College Automobile Instructors Association Fall Conference in Springfield. Attendees will learn at two seminars, how computer-controlled Cryogenic Treatment normally improves engine horsepower by 2-6% and reduces wear and breakage in engines, transmissions, rear ends, turbochargers, and superchargers. They will also learn how brake rotors can be Cryogenically-Treated to reduce brake rotor wear, help prevent warping and cracking, and normally increase brake rotor life by 250-400%. If that weren’t enough, they will find that by Cryogenically Treating brake rotors, but not brake pads, pad life also increases. In other words, brake pad life increases because of the change made to the rotors.

Both seminars will be conducted by Bob Reed, Motorsports Division Manager, and Mining/Construction Specialist at 300 Below, Inc. in Decatur, Illinois. 300 Below, Inc. has roots dating back to the mid-60’s and has appeared on the Discovery Channel. Bob, a former Industrial Arts teacher, has been with the company since 1994, and will also touch upon other applications, including the treatment of gears, shafts, bearings, and cases, as well as treatment of cutting tools, hydraulic pumps, slurry pumps, water pumps, compressors, musical instruments, golf clubs, and aluminum softball bats.

ICAIA Treasurer’s Report

The balance of the ICAIA account is at \$32,769.86.

Art Koudelka
ICAIA Executive Treasurer
Illinois Valley Community College

State Automotive Related Data to Consider

According to the National Automobile Dealers Association (www.nada.org) the year 2006 ended with the following new vehicle dealership data:

	Number of New Vehicle Dealerships	Total sales for all dealerships (\$ millions)	Number of dealerships as a % of total retail establishments in the state	Dealership sales as a % of total retail sales in the state	Dealership payroll as a % of total retail payroll in the state	Dealership employees as a % of total retail employment in the state	Estimated number of dealership employees	Average number of employees per dealership	Average weekly earnings of dealership employees	Annual payroll of all dealerships in the state (\$ billions)	Average payroll per dealership (\$ millions)
Illinois	964	25,250	3.0	20.2	12.6	7.7	46,877	49	924	2.24	2.32
Indiana	532	12,261	2.3	18.9	11.7	7.0	23,321	44	824	0.99	1.87
Missouri	503	12,241	2.2	20.2	12.7	7.4	22,618	45	867	1.01	2.02
Wisconsin	611	10,753	2.8	19.6	11.8	7.7	24,079	39	748	0.93	1.53

According to the National Automobile Dealers Association, the numbers of vehicles in operation were as follows:

	Total passenger cars in operation (2005)	Total trucks and buses in operation (2005)	Total vehicles in operation (2005)	Number of new vehicle registrations in 2006
Illinois	5,704,638	3,753,614	9,458,252	663,428
Indiana	2,694,941	2,260,535	4,955,476	279,154
Missouri	2,539,266	2,050,090	4,589,356	286,714
Wisconsin	2,562,357	2,163,068	4,725,425	242,574

The U.S. Department of Labor, Bureau of Labor Statistics (www.bls.gov) for the period of May 2006 reported the following data:

	Estimated employment of Automotive Body and Related Repairers	Estimated employment of Automotive Service Technicians and Mechanics	Estimated employment of Bus and Truck Mechanics and Diesel Engine Specialists
Illinois	7,600	29,580	10,370
Indiana	3,510	13,110	7,860
Missouri	4,060	15,080	5,910
Wisconsin	3,230	12,530	5,210

Reading the data:

For example, in Illinois:

- The 964 new vehicle dealerships make up only 3% of the total retail establishments in the state, but generate over 20% of the retail sales dollars in the state.
- The 964 new vehicle dealerships in the state employ about 7.7% of all retail employees in the state, but their payroll is 12.6% of the total retail payroll in the state.
- The average new vehicle dealership in the state has 49 employees and an annual payroll of \$2.32 million.

Using the data obtained from the National Automobile Dealers Association on the number of vehicles in operation and the employment data from the U.S. Department of Labor, Bureau of Labor Statistics, we may be able to make the following assumptions:

- In the state of Illinois, 5,704,638 passenger cars in operation are most likely serviced by a total of 7,600 automotive body and related repairers and 29,580 automotive service technicians and mechanics. In addition, the 3,753,614 total trucks and busses in operation are most likely serviced by a total of 10,370 bus and truck mechanics and diesel engine specialists.

That correlates to approximately 1 automotive body repairer to every 751 passenger cars, 1 automotive technician to every 193 passenger cars, and 1 bus and truck technician to every 362 trucks and busses.

By: Mike Behrmann, So. IL University

**Join ICAIA by visiting us
on the web at www.icaia.org**

At the website, you can view our past newsletters,
conference information (*including maps & hotel information*), and how to join.
Cost to join: -- membership in ICAIA is only \$5 per year.



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