

Instructional Resources

Automotive Technologies

Automotive Collision Repair - Option B

Please note: This list of instructional resources is provided as a tool and not an endorsement by the Arizona Department of Education. Contact information for these resources is subject to change.

ORGANIZATIONS

NATEF

www.natef.org/

NATEF - provides certification for automotive technology programs. Standards address every aspect of teaching automotive. Provides a task list that is updated every three years. These are the tasks industry expects students to master to become an entry level technician.

I-CAR

www.i-car.com

http://www.i-car.com/pdf/education_foundation/how_to_handbook/how2hnbk.pdf

Entire guide on implementing a collision training program for students including NATEF and ASE certification, effective participation in student competitions including VICA and a student handbook.

ASSOCIATION AND INDUSTRY RESOURCES

American Automobile Association [AAA]

www.aaa.com

American International Auto Dealers Assn.

www.aiada.org/

Dedicated to the representation of America's international nameplate automobile dealer, many publications specifically dedicated for the international automobile industry.

Arizona Craftsman Collision Association

www.az-cca.com/

To speak with one voice representing the professional collision repair facilities in the State of Arizona. To promote "pride" in the industry and the public we serve. Provide a continuous source for the education of technicians as well as management. Promote consumer goodwill by providing quality repairs, keeping in mind the environmental and economic consequences. The ACCA "*Collision Reporter*" Magazine.!

ASA

www.asashop.org

www.carsononline.org/

ASA National sponsors three major events each year: ASA Annual Convention, Congress of Automotive Repair and Service (CARS) is unmatched in regard to seminars, workshops and presentations, and International Autobody Congress and Exposition (NACE). Lots of information to educate individuals on various models and shop methods of customer support. Other articles are current on trends and issues in the field. The International Autobody Congress and Exposition (NACE) is an event specifically created for professionals involved in all aspects of the collision repair industry. NACE is sponsored by the Automotive Service Association, the largest international non-profit trade association of its kind serving the collision repair industry.

Auto Steel

<http://www.autosteel.org/>

The Industry Resource for Auto Steel Applications. Information on how steel impacts auto manufacturing. The Technology Roadmap describes 72 specific automotive technical programs organized around the following areas:

- Steel Materials Issues
- Steel Enabling Technologies
- Need for Improved Computer Modeling Capabilities
- Need for Improved Steel Parts where Alternate Materials are Threatening

Automotive Aftermarket Industry Association

www.aftermarket.org

Benchmarking Jobber Success, www.aftermarket.org/Education/eLearning/pdf/JSS00.pdf

Jobber Innovation Workbook, www.aftermarket.org/Education/eLearning/pdf/JSS97.pdf

Case Studies in Jobber Innovation, www.aftermarket.org/Education/eLearning/pdf/JSS98.pdf

Jobber Innovation for the New Millennium

www.aftermarket.org/Education/eLearning/pdf/JSS99.pdf

Automotive Recyclers Association (ARA)

www.autorecyc.org

Automotive Service Association

www.asashop.org

This series of individual, modularized training programs allows you to choose the segments that best fit your training needs. Each program provides you with in-depth coverage of one of the key technical areas of collision repair. Enhanced Delivery programs offer both knowledge- and performance-based training, with an increased emphasis on hands-on exercises.

Automotive Youth Educational Systems, AYES

www.ayes.org

Arizona Contact: Mike McAfee, mmcafee@autoyes.com, 602-468-0888 x103.

Automotive Collision curriculum that is nationally recognized is provided by I-CAR, has assessments and certifications for collision students. I-CAR Foundation has curriculum available at a 20-70% discount for schools to purchase. They also have funds available to assist a school to purchase curriculum if they are going to implement the program for the first time. They have order forms and brochures at site. Material coincides with 5 different set of NATEF standard areas. AYES is now certifying secondary schools in the collision/refinish department. The stipulation is the schools must already be certified in the mechanical shop areas(brakes, steering-suspension, electrical and engine performance).

Collision Industry Conference (CIC)

www.ciclink.com

National Association of Fleet Administrators (NAFA)

info@nafa.org

Certified Automotive Fleet Managers

National Glass Association (NGA)

www.glass.org

National Institute for Automotive Service Excellence (ASE)

www.asecert.org

Society of Collision Repair Specialists (SCRS)

131 N. Tustin Ave., Suite 210

Tustin, CA 92680

(714) 835-3110

fax: (714) 835-3118

Tech-Cor, Inc.

100 East Palatine Road

Wheeling, IL 60090

(847) 541-.4545

VEHICLE MANUFACTURER'S PUBLICATIONS RESOURCE LIST

Contact: Helm, Inc. to order service manuals for:

Manual Distribution Department
P.O. Box 07280
Detroit, MI 48207
(800) 782-4356
(313) 865-5000
Fax: (313) 865-5927
<http://www.helminc.com>

Acura

<http://www.acura.com>

Buick

<http://www.buick.com>

Cadillac

<http://www.cadillac.com>

Chevrolet

<http://www.chevrolet.com>

Ford

<http://www.ford.com>

Geo

<http://www.chevrolet.com/geo/a300.htm>

GMC Truck

<http://www.gmc.com>

Honda

<http://www.honda.com>

Isuzu

<http://www.isuzu.com>

Lincoln

<http://www.lincolnvehicles.com>

Mazda

<http://www.mazda.co.jp>

Mercury

<http://www.mercuryvehicles.com>

Oldsmobile

<http://www.oldsmobile.com>

Pontiac

<http://www.pontiac.com>

Contact: Robert Bentley Publishers to order service manuals for:

1033 Massachusetts Avenue
Cambridge, MA 02138
(800) 423-4595
Fax: (617) 876-9235
<http://www.rb.com>

Audi

<http://www.audi.com>

BMW

<http://www.bmwusa.com>

Jaguar

<http://www.jaguarvehicles.com>

Saab

<http://www.saabusa.com>

Land Rover

<http://www.landrover.com>

Contact General Motors to order training materials:

MSX International
1426 Pacific Drive
Auburn Hills, MI 48326
(800) 393-4831, Fax: (810) 377-1510

Contact Dyment Distribution Services to order service manuals for:

P.O. Box 360450
Strongsville, OH 48136
(800) 348-4696
(216) 572-7240
Fax: (216) 572-0815

Chrysler

<http://www.chryslercars.com>

Dodge

<http://www.4adodge.com>

Career Preparation

Eagle

<http://www.eaglecars.com/eagle.html>

Infiniti

<http://www.infinitimotors.com>

Jeep

<http://www.jeepunpaved.com>

Nissan

<http://www.nissanmotors.com>

For manuals and information on the following go directly to:

Hyundai

<http://www.hmc.co.kr>

Kia

<http://www.kia.co.kr>

Lexus

<http://www.lexususa.com>

Mercedes-Benz

<http://www.daimler-benz.com/group/>

Mitsubishi

<http://www.mitsubishi-motors.co.jp>

Peugeot

<http://www.peugeot.com>

Plymouth

<http://www.plymouthcars.com>

Porsche

<http://www.porsche-usa.com>

INDUSTRY SPONSORED TRAINING PROGRAM

General Motors

www.gmstc.com/

Body Service Educational Program, BSEP

WEB SITES

www.hazelwood.k12.mo.us/~grichert/explore/start.html

Virtual Labs & Simulations, great websites for Interactive Learning on motion, vectors, applications of velocity and acceleration, graphs, forces, trajectories, units, mass vs. weight, Newton's laws, work energy, power motion, rotational gravity, energy conservation, momentum, conservation of angular motion.

www.iam.org

AIAM Passenger Vehicle Identification Handbooks contain model listings for virtually all of the international vehicle manufacturers that market vehicles in the United States. This publication was offered as an aid to law enforcement agencies and accident investigators in establishing positive identification of passenger cars. It provides details of model offerings, VIN location and structure, and other label locations to assist in identifying a particular model

www.auto-talk.com

Auto-Talk: Excellent site put out by The Aftermarket Research Institute, Inc. Lots of interesting and information articles. Good student site.

www.awdt.org

AWDT - This site was made specifically for automotive programs in Arizona and has a wealth of information and resources for instructors.

www.goldcar.com

Goldcar Collision Repair Network:
Consumer information; at bottom of page, information of interest to professionals.

www.collision-insight.com

Collision Repair Industry INSIGHT:
Industry news; links

www.abrn.com

Automotive Body Repair News,
Careers; news; archives of articles

www.autorstorer.com/

Classic auto restoration info and resources.

www.autobodyonline.com/

A variety of good resources on autobody repair and painting.

Career Preparation

Instructional Resources

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www.cartalk.com

Car Talk, home of “Click and Clack, the Tappet Brothers”

<http://www.autobodypro.com/>

Autobody Pro. Extensive list of industry associations and trade schools

Also, “Ask the Pro” section with helpful tips.

www.s/n.fi.edu/tfi/info/current/street.html

Street Machines by Franklin Institute of Science

www.alldata.tsb.com

ALLDATA’s Automotive Repair Information, Recall, and Technical Service Bulletin: Under Professional, includes vehicle recalls & bulletins, product updates, automotive industry standards updates, more; Under Consumer, Recall notice titles, Tech Tips column with archives, company information, more

www.ccar-greenlink.org

CCAR-Greenlink. Environmental Information for Automotive Technicians:

Includes automotive service; emergency spill procedures; education and research; careers

www.babcox.com

Automotive Aftermarket World Home Page:

Babcox web site; news; tech chat; training; research

www.education-world.com/vocational/vocation/automotive.shtml#repair

Many excellent sites with training, research and information links.

www.unofficialbmw.com/bmw_all.html

The Unofficial BMW Home Page

www.nascar.com

NASCAR Online: Official site. News, tech talk, more

www.cbs.sportsline.com/autoracing/index.html

Auto Racing: Latest news from CBS SportsLine

www.f1racing.net

F1Racing.net: News of teams, yearly season, statistics, cartoons, screen savers & more

www.autoskills.com/

Ford/AAA Student Auto Skills Competition is designed to encourage talented young people to pursue careers as automotive service technicians. Competitions are offered at local and national levels annually.

www.autorepair.about.com/autos/autorepair/mbody.htm

A comprehensive site with lots of great info.

4AutoRepair.4anything.com/

”... find the best links on the web about Auto Repair.”

www.autostation.com /ccc/index.html

Car Care Council Archives contains links to a large mass of maintenance and repair information gathered from throughout the automotive industry by the Car Care Council.

www.careerauto.org/index.htm

This website, sponsored by The Foundation of the Wisconsin Automobile & Truck Dealers Association offers information on automotive schools, scholarships and special events.

www.theautochannel.com/

This site features information about automobiles, their repair and maintenance, plus lots of info on the auto industry in general.

AUDIO VISUAL

CDX Global - provides an e-textbook free of charge, videos tied to the NATEF task list and work sheets. www.cdxglobal.com

Student feedback system - an interactive system that allows all students to answers questions after the presentation of a concept. www.currentworks.com, www.quizdom.com

Interwrite pad - instructor controls computer from anywhere in the room. All of the features of a Smart Board at a fraction of the cost. www.gtcocalcomp.com

VIDEOS

The Learning Tree, <http://www.autovideo2000.com>

ICS Learning, <http://www.icslearning.com>

School House Videos: Ad for video, "Car & Driver: Top 10 Exotic Cars,"
www.schoolroom.com/videos/v6843.html

PERIODICALS:

www.auto.com

Auto.com: Daily news and reviews. From Detroit Free Press

www.autoweek.com

AutoWeek Online

www.bodyshopvideo.com

Bodyshop Video Magazine

www.caranddriver.com

Car and Driver

www.evworld.com

EV World: Electric vehicles

www.motorage.com/index.html

Motor Age: Articles.

www.motortrend.com

Motor Trend

www.popularmechanics.com

Popular Mechanics

www.roadandtrack.com

Road & Track

www.car-stuff.com/carlinks/pub.html

Car-Stuff. Car Magazines & Publications: Extensive list

www.victorylane.com

Victory Lane Magazine

Auto, Inc (monthly)

(817) 285-6205

fax: (817) 665-0225

Automotive News

Editorial Staff: AutoNews@crain.com

(313) 446-0361

fax: (313) 446-0383

Automotive Body Repair News

(800) 446-6551

www.bodyshopbusiness.com
Bodyshop Business (monthly)

www.collision-insight.com
Collision Repair industry Insight

www.motor.com
Motor

BOOKS

Delmar Publishers (Thompson Learning)

<http://e-catalog.thomsonlearning.com/150/>

ASE Test Prep Collision Series, 2nd Ed. (2001)

Del Mar Publishing/Thomson Learning ISBN: 0766848876

Mastery Auto Collision Repair Videos on CD-ROM (2000)

Del Mar Publishing ISBN: 0766822621

Professional Auto Collision Repair, 2nd Ed. (2000) James E. Duffy

Del Mar Publishing ISBN: 0766813991

I-Car Professional Auto Collision Repair, 2nd Ed. (2000) James E. Duffy Inter-Industry
Conference on Auto Collis

Del Mar Publishing/Thomson Learning ISBN: 0766813983

Damage Analysis and Estimation (2001)

Del Mar Publishing/Thomson Learning ISBN: 0766848892

Mechanical and Electrical Components, 2nd Ed. (2001)

Del Mar Publishing/Thomson Learning ISBN: 0766848884

Non-Structural Analysis and Damage Repair, 2nd E. (2001)

Del Mar Publishing/Thomson Learning ISBN: 0766848868

Painting and Refinishing, 2nd Ed. (2001)

Del Mar Publishing/Thomson Learning ISBN: 076684885X

Estimating for Collision Repair (1999) Michael Crandell

Del Mar Publishing/Thomson Learning ISBN: 0766808912

Other

Pro Paint and Body (2002)

Jim Richardson With Tom Horvath

Berkley Publishing Group ISBN: 1557883947

CAREER DEVELOPMENT

Arizona Career Resource Network (AzCRN)

Arizona's career resource network for career exploration, college information, employability skills, job opportunities, Arizona labor market information, post secondary options, career advice. www.ade.az.gov/cte/azcrn

Career Information System

Provides information on careers, occupations, job search, self-employment, financial aid, programs of study, IDEAS Assessment, assessment link, O*NET Interest Profiler, etc.

www.azcis.intocareers.org

CareerOneStop

www.careeronestop.org

The CareerOneStop portal website is a significant step forward in the delivery of workforce assistance and information. The portal connects users to relevant links, resources, and community services offered over the Internet.

Career Voyages

<http://www.careervoyages.gov/>

This web site is the result of a collaboration between the U.S. Department of Labor and the U.S. Department of Education. It is designed to provide information on high-growth, high-demand occupations along with the skills and education needed to attain those jobs. The site allows exploration by industry and by state. Also identifies "Hot Careers," the fastest growing career across the US.

You're Hired!

Clark, Marilyn; Mchalley, John; St. John, Michael; and Weihmann, Jan Hart.

Human Relations at Work.

Eggland, Steven A. and Williams, John W.

Cincinnati, OH:

Southwestern Publishing Company, 1993. ISBN 0-538-61092-1.

Strategies: Getting and Keeping the Job You Want.

Ferrett, Sharon K.

New York, NY: Glencoe McGraw-Hill. ISBN 0256-14229-7.

Lakeshore Basics and Beyond Catalog

A variety of academic information related to the world of work and job ready skill information.

www.lakeshorelearning.org

Real Games Series

A complete job readiness program. Select the level appropriate for your students. 1-888-700-8940.

www.realgame.com

Resumes and Cover Letters.com

Road-tested information, tips and samples to help you create resumes and cover letters that will get you noticed. Also includes ways to quickly distribute your resume and a page of links to additional career resources and job directory sites.