

Curriculum Vitae

Van D. Kirk, AAM, CMAT L1
211 East Second Street
Lexington, Kentucky 40507
859-321-4809
vandkirk@gmail.com

2005 to Present

Kirk Auto Group, Inc. became a principal partner in **Collision Reconstruction Associates, LLC**, when organized in June 2005.

1998 to Present

President, **Kirk Auto Group, Inc.**, a Kentucky Corporation – August 1998

- KAG performs research, documentation and expert testimony for automobile, motorcycle and commercial vehicle inspection, testing, consultation, crash reconstruction, vehicle value and diminished value appraisals, vehicle crash dynamics, crash scene documentation and mapping, crash data downloads, and 3D computer crash animations

1996 to 2009

President, **Auto Tech Service** in Lexington, KY, February 1996 - Sold business 2009

- Performed complete auto service and repair
- Selected as *Top Ten Auto Repair Shops in the USA*

1995 – 2009

President, **Before You Buy Auto Inspections** in Lexington, KY June 1995 - Sold business 2009
Performed vehicle inspections and reports for individuals and businesses

1995 - 2009

Chartered **Van Kirk's Before You Buy, Inc.**, a Kentucky Corporation - May 1995

1990 – 1995

Vice President, Director of Operations, Computer Tune Lexington
Selected as *Best Auto Repair Shop in the USA*

1980 – 1990

General Manager, Precision Tune, Lexington, KY – Managed four Lexington shops

1972 – 1980

Automotive Service Technician, Lincoln-Mercury, Ford, Sears, Firestone

Associates in CRA, LLC

Mr. Kirk, William C. Cloyd, III and Jesse D. Kirk are principal partners of Collision Reconstruction Associates, LLC. From 2005 to present Collision Reconstruction Associates, LLC has performed several hundred traffic crash investigations and / or reconstructions and a current four year Rule 26 Testimony list for all partners is available on request. Since 1995, Van Kirk has also personally completed more than 3,000 individual vehicle inspections and reports including value and diminished value appraisals, auto, motorcycle and commercial truck traffic crash and vehicle fire inspections. In his professional career, Mr. Kirk also has performed or supervised more than 50,000 automotive repairs or services.

Mr. Kirk's Professional Automotive Credentials/Certifications:

- ASE Certified Automobile Technician, 1976
- ASE Certified Master Automobile Technician (CMAT) 1993
- ASE Certified L1 Advanced Level Technician, 1994
- AMI Accredited Automotive Manager (AAM), Texas, Graduation 1997

Institute of Police Technology and Management, University of North Florida

- At Scene Traffic Crash & Traffic Homicide Investigation, December, 2010
- Advanced Traffic Crash Investigation, March, 2015
- Traffic Crash Reconstruction, August, 2017

Other IPTM, UNF Training, Classes & Seminars

- Digital Photography for the Crash Investigator
- Spin Analysis Case Study
- Forensic Animation: ARAS 360, Visual Statement Fx3 - fp7
- Discover What Can Lead to Tire Failure
- From Scene to Courtroom
- National Highway Traffic Safety Administration – Crash Investigation Program Overview
- Analysis of the GM SDM in 360 Degree Linear Momentum Collisions
- Proper Application of Drag Coefficients to ABS Affected Yaw and Skid
- Balancing Collision Forces in Crush / Energy Analyses
- Correlation of Rotational Velocity and Linear Displacement Over Post Impact Trajectories
- General Motors – New SCM Technology – Epsilon Series
- Crush Damage Measuring Techniques
- Rollover
- Energy Absorption Crash Attenuators (Commercial Trucks)
- Pole Strikes
- Crush Analysis with Underrides and Coefficient of Restitution
- Validation of Low Speed Off-Tracking
- Delta V (Change in Speed over Time)

Houston, Texas	<i>Bosch Collision Data Recorder Conference</i>	2008 & 2009
Lexington, KY Metro PD	<i>Event Data Recorder Use in Traffic Crash Reconstruction</i>	2010
Oldham County, KY SD	<i>Advanced Crash Animation and Total Station Operation</i>	2010
Boca Raton PD, Florida	<i>ARAS 360 Advanced 3D Computer Diagramming</i>	2011
Kamloops, Canada	<i>ARAS 360 HD Advanced 3D Computer Diagramming Online</i>	2012
Lexington, KY	<i>Bosch Collision Data Recorder Technician Online IPTM</i>	2013
N Charleston, SC PD	<i>ACTAR Test Preparation Course</i>	2015
Orlando, FL	<i>WREX 2016 World Reconstruction Exhibition</i>	2016

Education:

Mr. Kirk has completed all courses and equivalencies required for the following Associate degrees from Ashland Community and Technical College and Bluegrass Community and Technical College, University of Kentucky, Ashland and Lexington, Kentucky:

- Associate Degree in Applied Science in Occupational Technology
- Associate Degree in Applied Science in Automotive Technology

Professional Memberships & Board Positions:

- Society of Automotive Engineers (SAE), 2006 to present
- International Network for Collision Reconstructionists (INCR)
- National Association of Professional Accident Reconstructionists (NAPARS)
- Accident Reconstruction Network (ARC)
- AAIA National Board of Directors Mechanical Committee, 2005-2006
- Automotive Service Association, (ASA) 1992 to 2009
- Professional Master Technicians Association, President (1997-98), Past Treasurer, Charter Member, Advisor, 1988-2009
- Bluegrass Independent Garage Owners Association, President and Chair, 1997-2003; Board of Directors, 2003-2009,
- Newton's Attic, Board of Advisors, (Middle and High School Math and Physics) 2005-2010
- "Bluegrass Car Care Clinic", Former Chair, 1990-2009
- Lexington Partnership For Workforce Development, Former Board Director, 2000-2008
- Central Kentucky Technical College, Board of Advisors 1990 - 2010
- Eastside Center For Applied Technology, Member, Board of Advisors 1988 - 2010
- "School to Beyond", Fayette Co. Public Schools, Member, Board of Advisors 1995 - 2005
- ASE (National Institute for Automotive Service Excellence) Certification Test Questionnaire Development National Panelist

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Reconstructionist
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kyrecon.com

EIN: 46-2062194