

CURRICULUM VITAE
RYAN L. HAMRE, IAAI-CFI, FIT, CCAI-CFI

PROFESSIONAL EXPERIENCE

August 2017 – Present

Amador Fire Protection District

- Battalion Chief

June 2013 – Present

Calaveras Consolidated Fire Protection District

- Fire Marshal, Heavy Equipment Operator, Fire Investigation Unit Member

August 2012 – Present

Fire Cause Analysis, Berkeley, CA

- Forensic Fire Investigator

May 2000 – May 2010

East Contra Costa Fire Protection District, Brentwood, CA

- Fire Captain, Lead Captain of Fire Investigation Unit, Acting Battalion Chief, Training Captain, Fire Engineer, Firefighter, Emergency Medical Technician

August 1993 – July 2006

United States Marine Corps, Fresno, CA

- Aircraft Rescue Firefighter in Operation Enduring Freedom, Marine For Life Hometown Link for Sacramento region, Hawk Missile Operator

July 2005 – October 2005

American Legion Ambulance Company, Sutter Creek, CA

- Emergency Medical Technician

September 2002 – October 2005

San Andreas Ambulance Company, San Andreas, CA

- Emergency Medical Technician

FIRE INVESTIGATION - FORENSICS - FIRE SCIENCE & ENGINEERING

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July 1997 – August 2002

Higgins Fire District, Auburn, CA

- Paid-On-Call Engineer, Resident Firefighter, Winter Firefighter II, Seasonal Firefighter, Emergency Medical Technician

April 1995 – June 1996

Northstar Fire Department, Truckee, CA

- Part-Time Firefighter, Emergency Medical Technician

March 1991 – March 1993

Moraga Police Department, Moraga CA

- Volunteer Police Explorer

EDUCATION

Columbia College, Sonora, CA

- Working towards a B.S. degree in Criminal Justice, August 2010 to Present
- Classes include Principles of Business, Computer Science 1, Computer Science 3, and Spanish 1A

Sierra College, Rocklin, CA

- A.A. Degree in Fire Technology, May 2004
- Fire Technology Certificate of Achievement, December 2003
- Emergency Medical Technician, Fall of 1995

Department of Defense, Federal Firefighting Academy, San Angelo, TX

- Aircraft Rescue Firefighting, graduated, May 2003

Higgins / Penn Valley Fire Districts Fire Academy, Auburn, CA

- Graduated, September of 1997

North Tahoe Fire Officers Academy No. 5, Kings Beach, CA

- Graduated, June of 1995

FIRE INVESTIGATION & FIRE SERVICE CERTIFICATIONS

2020

- CCAI Conference, 28 Hours of Tested Training, San Louis Obispo, CA, September 28th through October 1st, 2020.
- Asbestos Awareness Training, Federal OSHA Regulation 29 CFR 1910.1025(1), and 29 CFR 1915.1025(1), 2 Hours Tested, August 23rd, 2020
- Lead Awareness Training for General Industry, Federal OSHA Regulation 29 CFR 1910.1025(1), and 29 CFR 1915.1025(1), 2 Hours Tested, August 8th, 2020

- IAAI CFI Trainer, Thermometry, Heat, and Heat Transfer, 3 Hours Tested, July 18th, 2020
- CSFM – Chief Fire Officer Certification – Issued May 20th, 2020
- CCAI, Bay Area Roundtable 5, “Report Writing”, 4 Hours Tested, May 6th, 2020
- IAAI CFI Trainer.net, “Documenting the Event”, 4 Hours Tested, April 23rd, 2020
- CAL OES Strike Team Leader / Overhead Refresher, April 1st, 2020
- Fire Death Investigation, Instructed by Special Agent Brian Parker ATF, Valley Springs, CA, 4 Hours, February 4th, 2020

2019

- Drug Endangered Children Investigations, Sutter Creek, CA, 8 Hours, August 13th, 2019.
- National Fire Academy, Fire Investigation for First Responders (F0379), Ione, California, 16 Hours Tested, June 8th & 9th, 2019.
- NWCG – S219 – Firing Operations, 32 Hours Tested, Precision Training Group, Manteca, California, May 21st, 22nd, 23rd, 2019.
- NWCG – S339 / L960 – Division / Group Supervisor, 32 Hours Tested, California Fire & Rescue Training Authority, Sacramento, California, April 29th through May 1st, 2019.
- NWCG – AH S330 Strike Team Leader / Task Force Leader All Hazards, 32 Hours Tested, California Fire & Rescue Training Authority, Sacramento, California, March 11th through March 14th, 2019.
- NWCG – S290 – Intermediate Wildland Fire Behavior, 32 Hours Tested, Precision Training, Contra Costa County Fire, February 4th, 5th, 6th, 7th, 2019.
- NWCG – S270 – Basic Air Operations, 16 Hours Tested, Red Helmet Training, Rancho Cucamonga, California, January 10th & 11th, 2019

2018

- Firefighter Bill of Rights “FBOR” Class – Fire Nuggets, 8 Hours, Woodland, California, December 12th, 2018
- 2018 FDAC Fire Leadership Academy, 16 Hours, Sacramento, California, October 22nd & 23rd, 2018.
- Asbestos Awareness, Cal-OSHA CCR Title 8 Section 1529, 2 Hours, August 21st, 2018
- Lead Awareness, Cal-OSHA CCR Title 8 Section 1529, 2 Hours, August 21st, 2018
- CSFM – Chief Fire Officer 3A, Human Resource Management, 24 Hours, Tested, Fire Instruction, Oakdale, California, April 2nd, 3rd, 4th, 2018

2017

- National Board of Fire Service Professional Qualifications, PRO Board Certified Fire Investigator, November 12th, 2017
- CSFM – Chief Fire Officer 3C, 24 Hours, Tested, Elite Command Training, Folsom, California, November 7th, 8th, & 9th, 2017

- CSFM – Chief Fire Officer 3B, 18 Hours, Tested, Elite Command Training, Folsom, California, October 23rd & October 24th, 2017
- IAAI Certified Fire Investigator, Certificate # 22-111258, Expires November 2022
- California Emergency Medical Technician Recertification, EMT #E071997, Expires 11/30/2017
- CAL-OSHA Title 8 Section 1529 & CCR Title 8 1532.1 Asbestos and Lead Awareness – CA, 3 Hours, October 13th, 2017
- Santa Clara County Fire Investigation Task Force, Burn To Learn, Instructed By Jamie Novak, 8 Hours, September 19th, 2017
- IAAI CFI Trainer, NFPA 921 & 1033 Editions: Important Revisions, 3 Hours Tested, September 14th, 2017
- CSFM – Fire Prevention 3B: Plan Review, 40 Hours Tested, May 15th through May 19th, 2017
- RT-130 Annual Wildland Fire Safety Refresher & Pack Test, 16 Hours, May 20th – May 21st, 2017
- CSFM – Fire Prevention 3B: Building Plan Review, 40 Hours Tested, May 15th through May 19th, 2017
- NFPA 921 2017 Edition Updates, Instructed by Hal Lyson, CFI, 1 Hour Tested, April 4th, 2017
- IAAI CFI Trainer, “Explosion Dynamics”, 4 Hours Tested, March 24th, 2017
- IAAI CFI Trainer, “Introduction to Youth-Set Fires”, 3 Hours Tested, February 16th, 2017.

2016

- CSFM – Fire Prevention 3A: Hydraulics, 40 Hours Tested, December 5th through December 9th, 2016
- BLS – CPR & AED For Healthcare Providers Re-Certification, American Safety & Health Institute, 2 Hours Tested, September 26th, 2016
- ARGUS Pacific, INC., Asbestos & Lead Awareness, 3 Hours of Instruction, September 14th, 2016
- CVAI - Central Valley Arson Investigators, Domestic Terrorism & Live Fire Lab & Explosion Training, Topics Covered & Discussed Include – “Combustion, Flame, Products of Combustion, Heat Release Rate, Heat Transfer, Fire / Explosion Chemistry, Fire / Explosion Dynamics, Thermodynamics, and Kinetics” - 8 Hour Course, April 30th, 2016
- CSFM – Fire Investigator II Certification, April 18th, 2016
- CCAI Roundtable #18, Modesto, CA. Topic: “Recognizing Error and Crafting Solutions in Fire Investigation”, February 3rd, 2016

2015

- Sac Regional Public Safety Training, 32 Hours Tested, “Background Investigation”
 - POST Certification # 290-30340-15002, November 16th to November 19th, 2015.

- CSFM – Fire Inspector 2D Certification, From California Fire & Rescue Training Authority, 32 Hours Tested, October 5th through October 8th, 2015
- CSFM – Fire Inspector 2C Certification, “Fire Inspecting New and Existing Fire & Life Safety Systems and Equipment” From California Fire & Rescue Training Authority, 16 Hours Tested, September 28th through September 29th, 2015
- Fire Cause Analysis, “Vessel Fire Investigations” by Don Perkins, 2 Hours Tested, September 21st, 2015
- CSFM – Fire Inspector 2B Certification “Fire & Life Safety Requirements” From California Fire & Rescue Training Authority, 24 Hours Tested, September 16th through September 18th, 2015.
- CCAI Roundtable #18, “Forensic Lock Smith” and “Wildland Investigation – Flagging”, September 14th, 2015
- Butane Hash Oil Investigations, Central Valley HIDTA, 4 Hours, June 15th, 2015
- Hazardous Materials Refresher, RGA Environmental, 3 Hours “Asbestos Awareness, Lead Awareness, Hazard Communication From Fire Scene Toxins”, Certification, June 8th, 2015
- Multiple Casualty Incidents, Mountain Valley Medical Services Agency, 2 Hours EMS CE’s, May 21st, 2015
- Sac Regional Public Safety Training, PC 832 (B) Firearms Familiarization
 - Post Cert # 2970-80101-14009, February 9th, 10th, & 11th, 2015

2014

- IAAI – Fire Investigator Technician “FIT” Recertification, Expires February 15, 2018
- CSFM – Fire Inspector 2A Certification “Fire Prevention Administration” From California Fire & Rescue Training Authority, 16 Hours Tested, October 27th & 28th, 2014
- CCAI – Certified Fire Investigator “CFI” Recertification, CFI # 683, Expires November 9th, 2017
- Sacramento-Sierra Regional Arson Task Force, Basic Electrical Fire Investigation, 16 Hours, Tested, September 15th & 16th, 2014
- IAAI CFI Trainer, “Residential Electrical Systems”, 4 Hours, Tested, August 3rd, 2014
- NFPA 921 2014 Changes Seminar, Presented by Hal Lyson, CFI, 2 Hours Tested, August 25th, 2014
- IAAI CFI Trainer, “Electrical Safety”, 3 Hours, Tested, July 27th, 2014
- IAAI CFI Trainer, “Arc Mapping Basics”, 4 Hours, Tested, July 27th, 2014
- CCAI, Crime Scene Investigation Course, 8 Hours, July 18th, 2014
- RGA Environmental, Fire Scene Awareness Certified, “Asbestos Awareness, Lead Awareness, Hazard Communication From Fire Scene Toxins”, Certification # 14-1289, June 30th, 2014
- RT-130 Annual Wildland Fire Safety Refresher, Module 4, July 4th, 2014
- RT-130 Annual Wildland Fire Safety Refresher, Module 3, June 28th, 2014
- RT-130 Annual Wildland Fire Safety Refresher, Module 2, June 25th, 2014

- RT-130 Annual Wildland Fire Safety Refresher, Module 1, June 11th, 2014
- Central Valley Arson Investigators, “Explosives Threat Assessment for The Fire / Rescue Service – A.E.R. 2014”, 8 Hour Live Explosion Training, May 10th, 2014
- IAAI CFI Trainer, “Basic Electricity” 4 Hours, Tested, April 29th, 2014
- Mountain Valley EMS, “Pit Crew CPR”, 2.5 Hours, April 28th, 2014
- CFSA SAFER 3 Live Fire Training, Safety Officer, April 6th, 2014
- CCAI Conference, Vehicle Fire Investigations, Live Fire Training, Tested Certification, March 31st To April 2nd, 2014
- CSFM Fire Prevention Officer, Certification # 160-5655, March 17, 2014
- Nevada Board of Private Investigators – Certified Private Investigator, Registered Number R-072537, February 7th, 2014
- Sacramento-Sierra Regional Arson Task Force, Complex Arson Investigations by Detective Nordskog, 8 Hour Tested Class, January 10th, 2014

2013

- CSFM – Fire Prevention 1C, #C130011, 40 Hour Class, December 13th, 2013
- Murphy’s Fire Protection District, EMS Operations, Six Hour Class, November 23rd, 2013
- Murphy’s Fire Protection District, EMS Special Challenges, Three Hour Class, November 20th, 2013
- National Fire Academy “F0633 Youth Fire Setting Prevention and Intervention Level 1 Class”, November 6th and 7th, 2013
- CCAI Sacramento-Tahoe Roundtable, “Recreational Vehicle Refrigerator Fires” by Russ Auker of Forensic Vehicle Investigations, August 6, 2013
- Wildland Fire Pattern Recognition Workshop Instructed by Paul Steensland, 5 Hour Training, July 30th, 2013
- Central Valley Arson Investigators, “American Criminal Bombings – A.E.R. 2013”, 8 Hour Live Explosion Training, May 4th, 2013
- California State Fire Training Registered Instructor Update Course, March 14th, 2013
- IAAI CFI Trainer, “How First Responders Impact the Fire Investigation”, February 18th, 2013
- IAAI CFI Trainer, “Using Resources to Validate your Hypothesis”, February 10th, 2013
- CCAI Sacramento-Tahoe Roundtable, “Your Arson Investigation on Trial and Your Investigation Report under the Microscope” by Attorney’s Stephen Huchting and Doug Wood, February 5th, 2013
- American Heart Association Emergency Healthcare Provider, CPR & AED Re-Certification, January 30th, 2013

2012

- IAAI CFI Trainer, “NFPA 1033 and Your Career”, December 10th, 2012

- National Board on Fire Service Professional Qualifications, PRO Board Certified as a Fire Investigator – NFPA 1033-2009, Certification # 317771, Issued November 12th, 2012
- IAAI Certified Fire Investigator, Certificate # 22-111258, November 2012
- CCAI Conference, Arson Claims: Investigation, Evaluation & Resolution, Your Arson Investigations on Trial, Field Burns by Jamie Novak, Fire Causes, Electrical Fires & Your Investigation Report Under the Microscope, October 2012
- CCAI Sacramento-Tahoe Roundtable, “Forensic Photography”, May 2012
- IAAI Fire Investigation Technician Certification, February 15th, 2012
- IAAI CFI Trainer, “Fire Investigation Technician (F.I.T.) Test, February 2012
- CCAI Sacramento-Tahoe Roundtable, “GFI & Arc-Fault Breakers”, February 2012
- IAAI CFI Trainer, “Ethics and the Fire Investigator”, February 2, 2012

2011

- CCAI Certified Fire Investigator, Certificate #683, November 18th, 2011
- California Emergency Medical Technician, Registry # E071997, November 17th, 2011 to November 30th, 2013
- CCAI Conference, Certified Fire Investigator (CFI) Examination, November 2011
- Columbia College Continuing Education, Emergency Medical Technician Recertification 24 Hour Course, October 22nd, 29th, & November 5th 2011
- IAAI CFI Trainer, “The Fire Investigator & the 2011 NFPA Changes”, August 2011
- CCAI Conference, Fire/Arson Investigation – Social Media, Interrogation & Interviewing, March 2011
- CSFM Fire Investigation 2B, March 2011
 - Qualified As An Expert In Fire Investigation, Testified In Court For Fire Investigation 2B
- IAAI CFI Trainer, “Fire and Explosion Investigations: Utilizing NFPA 1033 and 921”, February 2011
- CSFM Fire Investigation 2A, January 2011
 - Investigated Two Vehicle Fires and Three Structural Fires In Burn Cells.
- American Heart Association, Healthcare Provider (First-Aid, CPR, & AED) Recertification and Renewal, January 2011

2010

- CCAI Expert Witness Courtroom Testimony Course, November 2010
 - 40 Tested Hours for the IAAI Expert Courtroom Testimony Program
- IAAI CFI Trainer, “The Scientific Method for Fire and Explosion Investigation”, September 2010
- CSFM Fire Instructor 1, # 120-5655, March 2010

2009

- CCC Health Services, EMT – D Renewal, #01-212, September 2009

2008

- CCAI Conference - Fire/Arson Investigation Course, November 2008
- CSFM Ethical Leadership & Orientation, August 2008
- NWCG 490 Fatality Fire Case Studies, June 2008
- PATC Arson Scene Search, April 2008
- CSFM Hazardous Materials FRO/Decon, April 2008
- CCC Fire Training Association, Art of Reading Smoke, February 2008

2007

- CSFM Fire Investigator 1, #1305655, October 2007
- Sac Regional Public Safety Training, PC 832 Arrest, Search, & Seizure
 - Post Cert # 2970-80102-07001, July 2007
- NWCG S-404 Safety Officer, June 2007
- NWCG S-131 Advanced Firefighter Training, June 2007
- NWCG S-201 Supervisory Concepts And Techniques, May 2007
- NWCG S-300 Extended Attack Incident Commander, May 2007
- CSFM Fire Investigation 1B, April 2007
- FEMA Emergency Management Institute – IS-800, February 2007
- NWCG Basic Wildland Firefighter Training, February 2007

2006

- FEMA Emergency Management Institute – IS-700, December 2006
- FEMA Emergency Management Institute – IS-100, August 2006

2005

- CSFM Fire Officer, #150-5655, October 2005
 - CSFM Fire Instructor 1A, July 2005
 - CSFM Fire Prevention 1B, April 2005
 - CSFM Fire Prevention 1A, December 2004
 - CSFM Fire Investigation 1A, November 2004
 - CSFM Fire Instructor 1B, October 2004
 - CSFM Fire Command 1B, December 2002
 - CSFM Fire Management 1, May 2002
 - CSFM Fire Command 1A, April 2001
- CSFM Incident Command System 400, May 2005
- CSFM Fire Control 4A & 4B, April 2005

2004

- CSFM Swift Water Awareness, 2004

2003

- Federal D.O.D. Airport Firefighter, #566393, May 2003

2002

- Federal D.O.D. Hazmat Awareness, #363631, June 2002
- Federal D.O.D. Firefighter 1, #363633, June 2002
- Federal D.O.D. Firefighter II, #363634, June 2002
- FDIC School Bus Extrication, May 2002
- CSFM Wildland Command 2E, March 2002

2001

- CSFM Incident Command System 300, October 2001
- CSFM 18 Hr. Auto Extrication, September 2001

2000

- CSFM Firefighter II, # 033676, October 2000

1999

- CSFM Incident Command System 200, November 1999
- CSFM Driver Operator 1A, November 1999
- CSFM Confined Space Awareness, June 1999
- CSFM Driver Operator 1B, March 1999
- CAL Fire 40 Hr. Wildland Firefighter Training, February 1999

1998

- CSFM Firefighter 1, # 034807, October 1998

TESTIMONY / EXPERT WITNESS EXPERIENCE

- California State Fire Marshal – Fire Investigation 2B, Qualified as an expert in fire investigation, testified in court for fire investigation 2B, March 2011
- International Association of Arson Investigators (IAAI) – Expert Witness Courtroom Testimony Program, San Louis Obispo, November 2010
- Cal OSHA – Construction site trench collapse, sworn deposition as a Fire Captain for East Contra Costa Fire Protection District
- Civil Litigation, County of Los Angeles, Central District, Case No. BC550198, Mediation June 29th, 2015
- Calaveras Superior Court – Criminal Trial, sworn testimony as a witness, Case No. 13JW5445, September 24th, 2015
- Sacramento Superior Court – Criminal Trial, Expert Fire Investigation Testimony, Case No. 15F01035, March 28th, March 29th & March 30th, 2016.
- Civil Litigation, County of Amador, Case No. 17-CV-10330, Sworn deposition as an expert witness in fire investigation, January 25th, 2019
- Civil Litigation, County of Tuolumne, Case No. CV61881, Sworn deposition as an expert witness in fire investigation, January 20th, 2021

PROFESSIONAL ACCOMPLISHMENTS

February 2003 – May 2010

East Contra Costa Fire Protection District

- Worked as a Fire Captain on an Engine Company. Investigated numerous fires for origin and cause, which lead to County Fire Investigation notification and arrests.
- Assisted with County Fire Investigators. Documented 32 origin and cause fires. Directly assisted in several fires that were prosecuted for arson.

December 2009

California State Fire Training

- Certified to teach CSFM Fire Investigation 1A & Fire Investigation 1B

August 2008

East Contra Costa Fire Protection District

- Worked as an Acting Battalion Chief for a total of four months. Responsible for daily operations for eight fire stations, including assignment of personnel on “B” shift. Worked on residential and commercial fire scenes as incident command and assisted in fire investigation.

September 2007 – May 2010

East Contra Costa Fire Investigation Unit

- Developed the East Contra Costa Fire Investigation Unit, which included a complete operational program and the creation of an operational manual. Within the program, implemented the following:
 - Mission Statement
 - Introduction of the Fire Investigation Unit to District Personnel.
 - Required Qualifications & Education
 - Policies & Procedures
 - Equipment & Personnel Needs
 - Proposed Budget
 - Shift Investigator Committee
 - Trained East Contra Costa FPD Shift Investigators
 - References used in research and development of the program.
 - Appendix with forms created specifically for fire investigation.

PROFESSIONAL ASSOCIATIONS

August, 2016 – Present

- California Fire Chiefs Association
- Northern California Fire Prevention Officers Association

June 2013 to January 2016

- Calaveras Consolidated Firefighters Association
 - FF Association President – January 2015 to January 2016

June 2013 – Present

- CSFA – California State Firefighters Association

February 2011 – Present

- IAAI – International Association of Arson Investigators

November 2008 – Present

- CCAI – California Conference of Arson Investigators

May 2000 – Present

- IAFF – International Association of Firefighters, Local 1230
- CPF – California Professional Firefighter

PRESENTATION & FIRE SERVICE INSTRUCTION

October 20th, 2020

- Assistant Instructor for California State Fire Training – Fire Investigation 1B

February 2003 – September 2009

East Contra Costa Fire Protection District

- As an Engine Company Captain, I trained the newly hired Probationary Firefighter on CSFM Firefighter 1 & Firefighter II skills.

November 2003 – May 2008

East Contra Costa Fire Protection District Training Bureau

- In the role of Training Captain for East Contra Costa Fire Protection District, I conducted hundreds of hours of firefighter skills training with CSFM curriculum and also included:
 - Byron Airport, multiple agency training on aircraft firefighting and safety. In addition to orientation of fixed wing and rotor aircraft.
 - North Tree Fire Burn Trailer – Conducted live fire interior attack training.
 - Fire origin and cause training for the East Contra Costa FPD Fire Investigation Unit members.

PUBLICATIONS

December 13th, 2016

- California State Firefighters Association – CSFA November-December 2016 Magazine, Fire Department in Focus: Calaveras Consolidated Fire Protection District

AWARDS & HONORS

September 30th, 2015

- Letter of recognition for outstanding performance on the 2015 Butte Fire during mandatory evacuations by Sheriff Gary Kuntz from the Calaveras County Sheriff's Department.

November 2008

- Awarded a scholarship to California Conference of Arson Investigators, in recognition of the creation and development in the East Contra Costa FPD Fire Investigation Unit.

May 2007

- Certificate of Commendation from East Contra Costa Fire Protection District for field childbirth delivery.

December 2006

- Letter of recognition for outstanding performance on a mass casualty incident from Contra Costa County Supervisor Mary N. Piepho.

July 2006

- Honorable discharge from the United States Marine Corps.

January 2004

- Letter of commendation in creating a disciplinary action plan and demonstrating excellent leadership skills from East Contra Costa Fire Protection District.

December 1999

- Firefighter of The Year Award from Higgins Fire District

December 1998

- Certificate of Appreciation from Higgins Fire District.
- Most Responses Award for the year of 1998 from Higgins Fire District.
- Most Improved Award for the year of 1998 from Higgins Fire District.

1992

- Eagle Boy Scout Award
- Student Ambassador to the Soviet Union