

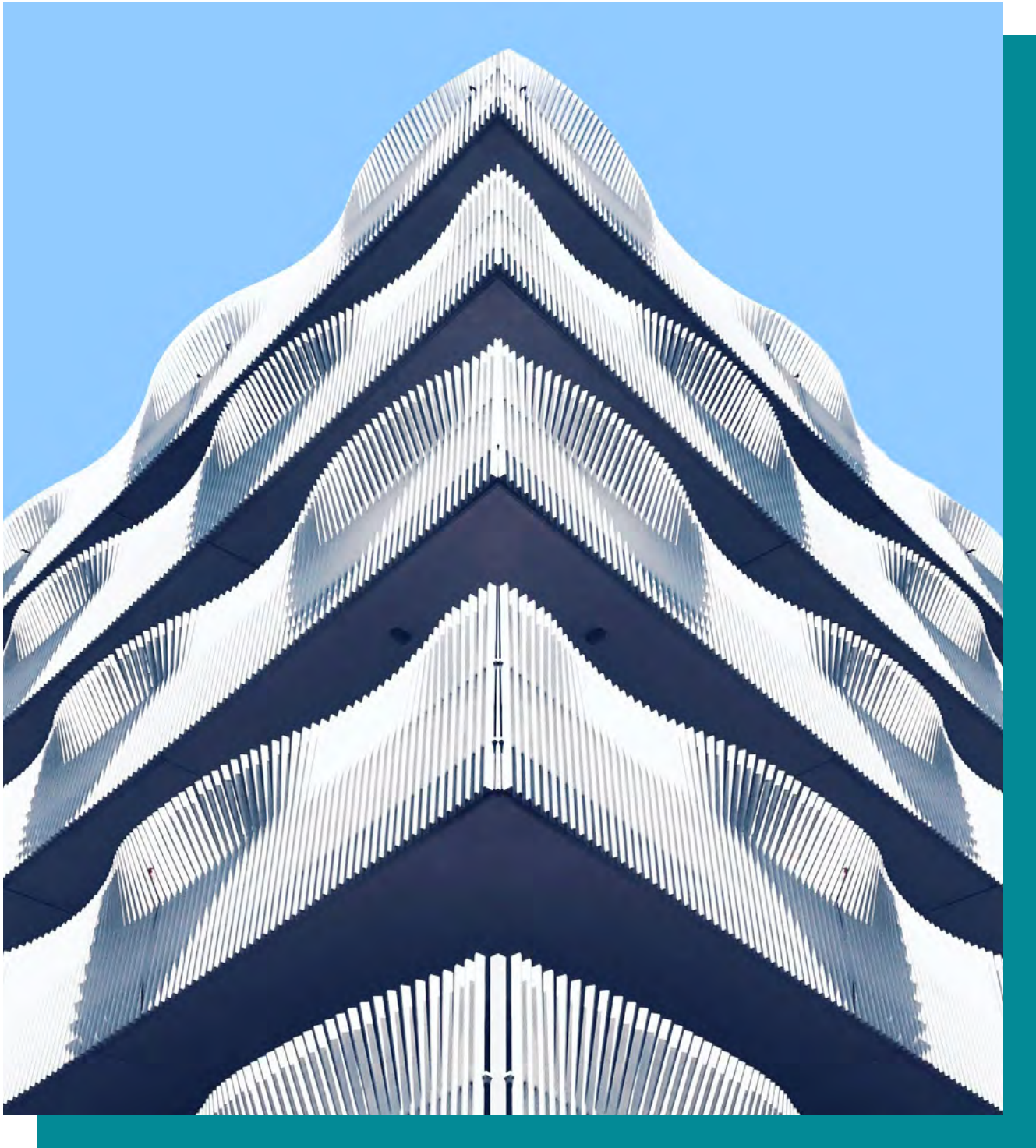


# Client Continuing Education Program Course Catalog





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\*This presentation has been approved by the Florida Department of Financial Services for CE credit.

# Accident Reconstruction

After a vehicle accident, a professional investigation may be required to determine what precipitated the event, what happened, and where the responsibility lies. Rimkus Accident Reconstruction CE courses cover a range of accidents involving commercial and passenger vehicles, motorcycles, pedestrians, driverless cars, bicycles, and more. In these courses, participants are exposed to the professional methodology and emerging technology used in accident reconstruction, including during the gathering of evidence, vehicle downloads, and product failure analysis.

Accelerating Ahead: The Present and Future of Autonomous Vehicles	(Credit: 1 hour)
Accident Investigation and Evidence Gathering	(Credit: 1 hour)
Accident Reconstruction Technology: Commercial Vehicles*	(Credit: 1 hour)
Analyzing Damage and CDR Data	(Credit: 1 hour)
Analyzing Vehicle Damage and Event Data Recorders	(Credit: 1 hour)
Autonomous Vehicles and iVe Vehicle Systems Forensics	(Credit: 1 hour)
Automotive Failure Evaluations	(Credit: 1 hour)
Bicycle Accident Reconstruction*	(Credit: 1 hour)
Concepts in Vehicle Component Failure Analysis	(Credit: 1 hour)
Damage Analysis for Consistency and Detecting Fraud	(Credit: 1 hour)
Digital Intelligence in Vehicle Theft vs. Fraud Forensic Analysis*	(Credit: 1 hour)
Digital Intelligence: The Future of Forensics	(Credit: 1 hour)
ECMs and Air Bag Modules: Thinking Outside the Black Box	(Credit: 1 hour)
Impact and Damage Analysis in Low-Speed Vehicle Collisions	(Credit: 1 hour)
iVe Vehicle System Forensic*	(Credit: 1 hour)
Motorcycle Accident Analysis and Reconstruction*	(Credit: 1 hour)
Motorcycle Accident Analysis and Reconstruction	(Credit: 2 hour)
Navigating Big Rigs: Components, Compliance, and Potential Exposures	(Credit: 1 hour)
Product Failure Analysis*	(Credit: 1 hour)
Product Failure Root Cause Analysis	(Credit: 1 hour)
Product Liability and Subrogation	(Credit: 1 hour)
Rapid Response Crashes: The Race Against Time*	(Credit: 1 hour)
Rapid Response to Collision Investigations	(Credit: 1 hour)

## Accident Reconstruction Continued

Technology in Collision Reconstruction	(Credit: 1 hour)
Technology in Collision Reconstruction	(Credit: 2 hour)
Technology Use in Crash Reconstruction*	(Credit: 1 hour)
The Trucking Defense Guide to Cell Phone Forensics*	(Credit: 2 hour)
Vehicle Accident Investigations: Rapid Response to EDR Download Only*	(Credit: 1 hour)
Vehicle Accident Reconstruction*	(Credit: 1 hour)
Vehicle Charging Station: Staying Ahead of the Curve	(Credit: 1 hour)
Vehicle Theft vs. Fraud*	(Credit: 1 hour)

# Animation, Graphics, & Video

Video enhancements and animations can be used to demonstrate what happened before, during, and after an incident or accident. Animations may be especially helpful during litigious matters, when consultants serving as experts can use them as demonstrative evidence to better depict an incident's events to a jury. Rimkus Animation courses cover the use of video graphics and 3D animations in insurance claims, particularly relating to vehicle accident reconstruction, security matters, and dispute resolution.

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ABC's of Video Enhancement	(Credit: 1 hour)
Advantages of 3D Technology in Forensic Engineering	(Credit: 1 hour)
Technology in Dispute Resolution	(Credit: 1 hour)

# Biomechanical / Biomedical

Rimkus Biomechanical and Biomedical expertise encompasses a combination of physics, anatomy, physiology, human kinematics, and reconstruction dynamics used to evaluate accidents, claims, and legal disputes pertaining to personal injuries, fatal events, vehicle accidents, and more. Our Biomechanical and Biomedical continuing education courses review methodologies and considerations in biomechanical evaluations for a range of claims investigations. Presentation topics include but are not limited to low-speed collisions, medical device and equipment evaluations, workers' compensation cases, slip and falls, and serious injury causation.

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Biomechanics Analysis of Brain Injuries*	(Credit: 1 hour)
Biomechanical Analysis of Head Injuries from Vehicle Accidents and Falling Objects*	(Credit: 1 hour)
Biomechanics in Serious Injury Cases*	(Credit: 1 hour)
Biomechanical Investigations: Premises Liability*	(Credit: 1 hour)
Biomechanics of Lumbar Discs in Low-Speed Rear Impacts	(Credit: 1 hour)
Biomechanics of Slip and Falls	(Credit: 1 hour)
Crash, Rewind, Replay: Digital Storytelling in Biomechanical Analysis	(Credit: 1 hour)
Human Biomechanics In Low-Speed Vehicle Collisions and Seat Belt Investigations	(Credit: 1 hour)
Human Biomechanics in Low-Speed Vehicle Collisions	(Credit: 1 hour)
Little Bodies, Big Vulnerabilities: An Introduction to Pediatric Injury Biomechanics	(Credit: 1 hour)
The Role of Biomechanics Analysis in Claims Investigation	(Credit: 1 hour)
Sports and Biomechanics: Analyzing Principles, Mechanisms, and Injuries*	(Credit: 1 hour)
	(Credit: 1 hour)



# Building Consulting

Loss Management Solutions, Inc. (LMS), a Rimkus company, provides comprehensive approaches toward streamlining the mitigation process for the commercial property insurance claims community. When there is property damage from fire, flood, weather, and/or other events, our team's extensive restoration background allows us to provide building consulting expertise related to determination of damage, identification and triage of critical business priorities, and the appropriate action to take. LMS continuing education courses offer building consulting knowledge on ethical considerations, damage assessment, cost control, safety, and other factors that contribute to a successful recovery effort.

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Audit Triggers	(Credit: 3 hour)
Business Ethics	(Credit: 1 hour)
Fire Damage Assessment	(Credit: 3 hour)
Site Safety	(Credit: 3 hour)
Using the Contract to Control Costs	(Credit: 3 hour)



# Catastrophe

Rimkus serves as an efficient, professional response team providing forensic evaluations following catastrophic events. Our consultants are knowledgeable in matters relating to civil, structural, architectural, and mechanical engineering; toxicology; environmental factors, and other elements involved in catastrophic evaluation. Current Rimkus Catastrophe continuing education courses review structural and property assessments of damage caused by hurricanes, tornadoes, earthquakes, landslides, floods, wind, hailstorms, and other storms and weather events.

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Assessing Catastrophe Damage to HVAC Systems	(Credit: 1 hour)
Assessing Catastrophe Damage to HVAC Systems	(Credit: 2 hour)
Assessing Catastrophe Damage to HVAC Systems	(Credit: 3 hour)
Earthquake Damage Assessment	(Credit: 1 hour)
Earthquake Damage Assessment	(Credit: 2 hour)
Earthquake Damage Assessment	(Credit: 3 hour)
Evaluating Structural Damage Due to Catastrophic Events	(Credit: 1 hour)
Evaluating Structural Damage Due to Catastrophic Events	(Credit: 2 hour)
Property Damage Assessments - Catastrophe	(Credit: 1 hour)
Wind vs. Surge: Hurricane Damage Assessment*	(Credit: 1 hour)



# Construction

From conception and design through completion and closeout, there are many elements to be considered during a construction project. Our Construction continuing education courses review topics relating to a wide variety of claims and disputes occurring in the built environment, including but not limited to vibrations, liability and workplace accidents, cranes, leak detection, green construction, schools and municipal buildings, pools and spas, cold weather climates, HVAC system failures, and the use of emerging technology.

But What Will it Cost? – Analyzing Surety Performance Bond Claims*	(Credit: 1 hour)
Construction Claims and Disputes	(Credit: 1 hour)
Construction Claims and Disputes	(Credit: 2 hour)
Construction Defects	(Credit: 1 hour)
Construction Defects	(Credit: 2 hour)
Construction Delays and Interruptions Analysis*	(Credit: 1 hour)
Managing Risk and Performance in Data Centers: Construction and Delivery*	(Credit: 1 hour)
Geophysics: Construction and Geotechnical Investigations	(Credit: 1 hour)
Off-Site Fabrication: Property and Construction Claims*	(Credit: 1 hour)
Residential/ Light Commercial HVAC Construction Defects	(Credit: 1 hour)
Shaking Things Up: The Impact of Construction Vibration Property Damage*	(Credit: 1 hour)
Unveiling the Past: Expert Insights on Property Damage and Construction Timelines*	(Credit: 1 hour)
Use of Technology for Construction Claims	(Credit: 1 hour)



# Electrical

Rimkus Electrical continuing education presentations apply an engineering perspective to the investigation of electrical fires and failures related to appliances, HVAC systems, power surges, lightning, smart vehicles and homes, and utility claims. CE participants can expect to gain knowledge of fundamental electrical principles, definitions, facts, myths, and investigation methodologies.

Electrical Facts, Myths, and More*	(Credit: 1 hour)
Electrical Fire Investigations	(Credit: 1 hour)
Electrical Shock Drowning Analysis*	(Credit: 1 hour)
Investigation of Electrical Damage to HVAC Systems*	(Credit: 1 hour)
Lightning Strikes	(Credit: 1 hour)
Riding the Waves: Understanding Electrical Surges and Sags	(Credit: 2 hour)
	(Credit: 1 hour)

# Environmental

Rimkus Environmental consulting services pertain to the origin and cause assessment of pollution and sources, environmental remediation analysis, industrial hygiene, mold, air quality, workers' compensation claims, and environmental safety concerns. We offer expert-taught CE courses covering aspects of environmental claims analysis and remediation, site assessments, and contamination, as well as hydraulic fracturing in natural gas drilling, legionellosis, mold, chemical exposure, water damage, and vapor intrusion.

Air Conditioning Systems and Mold	(Credit: 1 hour)
Forensic Techniques for Environmental Claims	(Credit: 1 hour)
Hydrology Hazards Consideration, Risk, and Factors*	(Credit: 1 hour)
Moisture Intrusion*	(Credit: 1 hour)
Proving Up Environmental Costs	(Credit: 1 hour)
Subrogation Opportunities in Environmental Claims Analysis	(Credit: 1 hour)
Underground Storage Tank Claims	(Credit: 1 hour)
Water Damage C&O and Mold Investigations	(Credit: 2 hour)

# Fire

Our continuing education presentations on fire investigations involve the evaluation of fires in vehicles, lithium-ion batteries, chimneys and fireplaces, residential clothing dryers, commercial cooking systems and structures, industrial buildings, explosions, arson, and more. Rimkus Fire CE courses often include a live burn component, as well as insight into the origin and cause analysis of a wide range of fire events, and how professional fire investigations may assist with claims resolution.

Analyzing Vehicle Fires*	(Credit: 1 hour)
Analyzing Vehicle Fires	(Credit: 2 hour)
Are you Getting Burned by Your Fire Investigator?	(Credit: 1 hour)
Commercial Cooking Fires	(Credit: 1 hour)
Electrical Appliance Failures*	(Credit: 1 hour)
Electrical Fire Investigations	(Credit: 1 hour)
Fire Origin and Cause*	(Credit: 1 hour)
Fire Investigator: Qualifying Your Expert	(Credit: 1 hour)
Fire Investigations and New Technology Overview*	(Credit: 1 hour)
Fire Investigations and Subrogation	(Credit: 1 hour)
Fireplace and Chimney: Cozy Fire to House Fire*	(Credit: 1 hour)
From Fryers to Fires: Lessons in Electrical Safety and Fire Prevention	(Credit: 1 hour)
Grill and Appliance Failure Analysis*	(Credit: 1 hour)
Identifying and Classifying Arson	(Credit: 1 hour)
Identifying Fire: Damaged Structural Components	(Credit: 1 hour)
Lithium-Ion Battery Fires	(Credit: 1 hour)
Residential Fires: Overcoming Inconsistent Witness Statements*	(Credit: 1 hour)
Structural Evaluation Following a Fire*	(Credit: 1 hour)
Subrogation and Restaurant Fire Suppression System Failures	(Credit: 1 hour)

# Human Factors

Human Factors studies the capabilities and limitations of humans as they interact with their environments and the products, systems, and equipment within those environments. Rimkus Human Factors continuing education courses provide insight into the application of Human Factors principles to insurance and legal industry matters. Topics covered include warning evaluations, driver distraction and other transportation safety issues, retail claims and accidents, and premises liability.

Beyond the Hype: A Deep Dive Into Sports, Human Performance, and Wearable Technology*	(Credit: 1 hour)
Beyond the Fall: Analyzing Human Factors and Premises Liability Investigations*	(Credit: 2 hour)
Beyond Warnings: Child Development, Caregiver Supervision, and Liability Defense	(Credit: 1 hour)
Current Trends in PFAS: A Toxicological and Human Factors Perspective*	(Credit: 1 hour)
Evaluating Warnings: When Do They Work?	(Credit: 1 hour)
Human Factors: Driver Distraction	(Credit: 1 hour)
Human Factors Considerations in Retail Accidents*	(Credit: 1 hour)
Human Factors Considerations in Retail Accidents*	(Credit: 2 hour)
Human Factors in Transportation Safety	(Credit: 1 hour)
Human Factors: Into to ANSI Z535 Standards for Product Warnings in Labels, Manuals, and Electronic Media*	(Credit: 1 hour)
Human Factors in Premises Liability Claims*	(Credit: 1 hour)
Human Factors: Premises Liability	(Credit: 1 hour)
Human Factors: Premises, Retail, and Transportation Incidents	(Credit: 3 hour)
Human Factors: Premises, Retail, and Transportation Incidents	(Credit: 1 hour)
Methodologies of Time Motion Work Studies	(Credit: 1 hour)
Premises, Retail, and Transportation Incidents	(Credit: 3 hour)
Premises, Retail, and Transportation Incidents	(Credit: 1 hour)
Trips and Falls: Liability and Human Factors Considerations*	(Credit: 1 hour)

# Industrial / Energy

Rimkus Industrial/Energy expertise includes forensic investigations involving onshore and offshore oil and gas exploration, oil and natural gas processing, petroleum refining, petrochemical manufacturing, power generation, and renewable energy. Our continuing education presentations cover these subjects through courses on combustible dust explosions, chemical accidents, refinery and chemical building blocks, oilfield accidents, hash oil explosions, and other industry-facing topics.

Challenges in Renewables: An update on Solar, Wind, and BESS Failures*	(Credit: 1 hour)
Combustible Dust Explosion Investigations*	(Credit: 1 hour)
Data Center Energy Systems Overview*	(Credit: 1 hour)

# Marine Forensics

From the time cargo is loaded until it reaches its destination, both the cargo and the vessel carrying it are subjected to the risks associated with nature and human error. The Rimkus Marine Forensics Practice investigates incidents and accidents involving marine vessels and facilities to explain what happened and, where possible, how to avoid the same issues in the future. Led by marine engineers, naval architects, civil engineers and marine-certified fire investigators, Rimkus Marine Forensics CE courses cover the forensic evaluation of a wide array of maritime incidents and accidents involving catastrophic weather, collisions, vessel sinkings, groundings, fires, equipment failures, injury accidents, and damage to piers and wharves.

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Marine Vessels: Human Factors and Premises Liability Analysis

(Credit: 1 hour)

# Miscellaneous

Our experts are a diverse group of professionals who provide clients with a wealth of expertise spanning multiple industries. The miscellaneous continuing education courses are comprised of topics as extensive as our consultants' backgrounds. Presentations in this section cover ethics, materials science (the study, discovery, and design of materials), and more.

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Architect or Engineer: Who You Gonna Call?*	(Credit: 1 hour)
Best Practices: How to Select and Utilize Experts*	(Credit: 1 hour)
Controlling Emergency Mitigation	(Credit: 1 hour)
Good Faith, Bad Faith, and No Faith at All* (Ethics)	(Credit: 1 hour)
Handling the Truth* (Ethics)	(Credit: 1 hour)
Hiding Places - Protection & Privilege (Ethics)	(Credit: 1 hour)
Materials Science in Forensic Investigations	(Credit: 1 hour)
Mechanical Analysis of Agricultural Failures	(Credit: 1 hour)
Tri What? Possible Ethical Dysfunctions in the Tripartite Relationship* (Ethics)	(Credit: 1 hour)
When Paint and Coatings Fail: Understanding Failures through Forensic Investigations*	(Credit: 1 hour)
Uncovering Evidence-Analyzing Medical and Billing Records*	(Credit: 1 hour)
Uncovering Evidence-Analyzing Medical and Billing Records*	(Credit: 2 hour)

# Premises Liability

On-premises accidents may lead to serious injuries, which can be devastating to patrons and costly for businesses. Whether accidents occur on public or private property, issues can arise regarding a facility's design, construction, maintenance, and compliance with applicable codes and regulations. Rimkus offers a variety of CE courses designed to address matters related to premises liability. Participants in these courses will learn about investigations of matters related to slip, trip, and fall accidents; failures of products and equipment, such as shelving or chairs; and other issues pertaining to hospitality and the built environment.

Beyond the Fall: Analyzing Human Factors and Premises Liability Investigations*	(Credit: 2 hour)
Investigating Premises Liability Claims*	(Credit: 1 hour)
Investigating Premises Liability Claims*	(Credit: 2 hour)
Premises Liability*	(Credit: 1 hour)
Premises Liability: Expert Insights*	(Credit: 1 hour)
Premises Liability: Security Evaluations and Reducing Liability Claims*	(Credit: 1 hour)
Slip and Fall	(Credit: 1 hour)

# Property

Rimkus Property Consultants perform structural evaluations of a variety of residential, commercial, and industrial buildings. Presented by Civil and Structural Engineers, Rimkus continuing education property courses offer methodologies for forensic investigations relating to product failures, construction defects, moisture intrusions, roofing, plumbing, storm damage, building codes, playground safety, and failures of HVAC and Mechanical and Electrical Engineering systems.

Adverse Effects of Improperly Designed, Constructed and Maintained Stormwater Systems	(Credit: 1 hour)
Analyzing Improper Stormwater Drainage, Design, and Maintenance	(Credit: 1 hour)
Commercial Roof Construction and Damage	(Credit: 1 hour)
Construction Defect Claim Investigations*	(Credit: 1 hour)
Evaluating Hail Damage	(Credit: 1 hour)
Evaluating Property Damage Claims: Common Issues and What to Look For	(Credit: 1 hour)
Event Security: Fundamentals, Risks, and Implementing a Plan	(Credit: 1 hour)
Flood Damage Assessments	(Credit: 1 hour)
Foundation Failures	(Credit: 1 hour)
Identifying Legitimate Property Claims Through Thorough Investigations	(Credit: 1 hour)
Investigating Moisture Intrusion Claims	(Credit: 2 hour)
Lightning Damage Evaluations	(Credit: 1 hour)
Lighting Evaluations	(Credit: 1 hour)
Mechanical and Electrical Engineering Systems Failures to HVAC	(Credit: 1 hour)
Micromobility Update	(Credit: 1 hour)
Pipe Freeze Investigations*	(Credit: 1 hour)
Plumbing Evaluation Analysis	(Credit: 1 hour)
Proper Handling of Evidence to Avoid Spoliation	(Credit: 1 hour)
Property Damage	(Credit: 1 hour)
Residential Roof Construction and Damage*	(Credit: 1 hour)
Roof Collapse: Investigation & Causes*	(Credit: 2 hour)
Roof Construction, Materials and Damages	(Credit: 1 hour)

## Property Continued

Roof Construction, Materials and Problems	(Credit: 3 hour)
Roofing Essentials: Performance, Damage Assessment, and Repair Techniques*	(Credit: 1 hour)
Swimming Pools - Defects, Damage, and Disasters	(Credit: 1 hour)
Swimming Pool Failures: Diving into Defects*	(Credit: 1 hour)
Thermal Imaging	(Credit: 1 hour)
Thermal Imaging	(Credit: 2 hour)
Thermal Imaging and Moisture Intrusion*	(Credit: 2 hour)
Tornado Damage Assessments	(Credit: 1 hour)
Under Pressure: Uncovering the Hidden Cause of Piping and Plumbing*	(Credit: 1 hour)
Welding Insights	(Credit: 1 hour)
Wind and Hail Dama	(Credit: 1 hour)
Wind and Hail Dama	(Credit: 2 hour)
Wind and Hail Dama	(Credit: 3 hour)
Wind Damage*	(Credit: 1 hour)



# Safety and Security

Safeguarding guests, employees, and the surrounding premises is a top priority for any property, and effective planning is key to preventing security issues. Our experts have extensive experience evaluating site conditions to help reduce risks and develop plans for safety and security. We offer continuing education courses related to physical security, access control, emergency response, crisis management, premises liability, and accident reconstruction.

CPTED - Using Structures, Spaces, Lighting, and People to Prevent Crime	(Credit: 1 hour)
Event Security: Fundamentals, Risks, and Implementing a Plan	(Credit: 1 hour)
Force Continuum: Best Practices for Security*	(Credit: 1 hour)
Proactive Measures: Enhancing Security and Minimizing Liability*	(Credit: 1 hour)
Security Assessment: Fundamentals of an Active Shooter Response Plan*	(Credit: 1 hour)

# Toxicology and Food Safety

Toxicology is the study of exposure to chemical, biological, or radioactive agents and the resulting adverse effects. We currently offer continuing education courses with a toxicological perspective on food safety, the hospitality industry, and human exposure to substances like marijuana, contaminated beer, and benzene.

Beer Contamination Investigations	(Credit: 1 hour)
Food Safety	(Credit: 1 hour)
Food-Borne Illnesses and Pharmaceutical Claims	(Credit: 1 hour)
Forensic Toxicology for Drug & Alcohol Cases*	(Credit: 1 hour)
From Chemistry to Courtroom: The Role of Toxicology in Alcohol and Drug Cases*	(Credit: 1 hour)
Investigating Agricultural Overspray Cases	(Credit: 1 hour)
Joint Effects: Marijuana, Driving, and Testing for Impairment	(Credit: 1 hour)
Marijuana Use & How it Can Alter Judgment, Perception, and Behavior	(Credit: 1 hour)
Understanding PFAS/PFOS aka "Forever Chemicals": An Evolving Regulatory Landscape*	(Credit: 1 hour)



Operating from more than 100 offices, the Rimkus team of consulting experts assists clients with complex matters worldwide.

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## Consultants. Experts. Innovators.™

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Rimkus is a worldwide provider of engineering and technical consulting to corporations, insurance companies, law firms, and government agencies. Our experts specialize in forensic consulting, dispute resolution and construction management services, solutions for the built environment, and human factors support for the consumer, industrial, and healthcare industries. Since 1983, Rimkus professional engineers, architects, scientists, and technical specialists have been recognized for their commitment to service excellence by local, national, and international business communities.

