# DIRECTORY OF EDUCATIONAL SEMINARS



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# **ACCIDENT RECONSTRUCTION**

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# ADDRESSING THE UNCERTAINTY IN ACCIDENT RECONSTRUCTION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What is Uncertainty & Why Does It Happen
- How is Uncertainty Related to Admissibility of Testimony

To Be Approved

C.E./C.L.E. Hours

Available

To Be Approved

C.E./C.L.E. Hours **Available** 

- What Are Some Techniques for Addressing Uncertainty
- A Case Study on Probability Simulation Will Be Presented

Accident Reconstruction

### **ANALYZING STAGED CRASHES**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How Potentially Fraudulent Incidents Are Investigated
- The Application of Human/Driver Behavior Research in Questionable Claims
- Recent Trends & Patterns of Staged Accidents



# C.E./C.L.E. Hours

Available

To Be Approved

### Accident Reconstruction

### **AUTONOMOUS VEHICLES**

- The Safety Concerns of Driverless Cars
- The Continued Evolution of Collision Mitigation Systems
- How This Technology Will Impact Various Aspects of the Insurance Industry



# **DIGITAL FORENSICS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What is Digital Forensics
- What is Vehicle Forensics
- What is a Social Media Investigation

To Be Approved

C.E./C.L.E. Hours

**Available** 

- What Types of Devices/Data are Available for Analysis
- Where is the Data Stored & How is It Obtained
- How the Data & Analysis Can Be Used to Tell the Story



Available

To Be Approved

Accident Reconstruction

# **ELECTRONIC DATA RECORDERS (EDR) & HEAVY VEHICLE ELECTRONIC DATA RECORDERS (HVEDRs)**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Understand How & Why Different Modules Record Data
- Passenger Vehicle Electronic Data
- Commercial Vehicle Electronic Data
- Specialized Electronic Data
- Data Limitations & Verification



To Be Approved

### Accident Reconstruction

# FORENSIC INJURY BIOMECHANICS OF MOTOR VEHICLE ACCIDENTS (MVAs)

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How Occupants Move During Different Types of Collisions
- Research on Human Injury Tolerances

• Case Study Examples on Low/Moderate Speed Collisions & Seatbelt Related Issues



# **HEAVY COMMERCIAL VEHICLE CRASHES & CLAIMS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Evidence Preservation & Crash Reconstructions Related to Commercial Trucks
- The Increasing Amount of Retrievable Data That Can Be Recovered
- Special Topics Including Rollovers & Fires
- Court-Tested Case Studies

To Be Approved

C.E./C.L.E. Hours

**Available** 



### Accident Reconstruction **IMPORTANCE OF TIMELY NOTIFICATION/RESPONSE** FOR PRESERVATION OF ROADWAY EVIDENCE

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

C.E./C.L.E. Hours Available

To Be Approved

- Misinterpretation of Evidence
- Importance of Aerial Photography
- Preservation of Conditions At/Near Time of Crash



C.E./C.L.E. Hours

Available

To Be Approved

# Accident Reconstruction

### **INFOTAINMENT SYSTEMS**

- How Digital Data Can Shed Light on an Incident
- What Are Infotainment Systems, How Have They Evolved & How Experts Can Use Them to Acquire Data
- Case Studies on How the Data Can Be Used Involving MVAs, Alleged Thefts & Recoveries



C.E./C.L.E. Hours

**Available** 

To Be Approved

### Accident Reconstruction

# **INVESTIGATING AUTOMOBILE FIRES**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How an Expert Can Dig Through the Ashes to Get to the Root Cause
- Chemical, Electrical & Mechanical Clues to Look For
- Forensic Testing of Substances & Special Evidence Considerations



Available

To Be Approved

Accident Reconstruction

# MAINTENANCE OF TRAFFIC & CRASH RECONSTRUCTION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Identify the Governing Agency
- Determine the Applicable Codes, Standards and/or Specifications
- Evaluate Existing Temporary Conditions
- Analyze Conditions Influence on Incident



### Accident Reconstruction

# MUNICIPAL & ROADWAY VARIABLES IN COLLISION RECONSTRUCTION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

### C.E./C.L.E. Hours Available

To Be Approved

- How Roadway Design Signage, Visibility, Maintenance & Roadside Safety Affects Crashes
- Were Proper Regulations Followed at the Site by All Vendors
- Court-Tested Case Studies with an Emphasis on Roadway Issues



# **PHOTOGRAMMETRY & PHOTO ANALYSIS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Key Definitions in Photogrammetry
- How Reliable Measurements are Retrieved for Accident Visualization
- How Drones Assist in Creating Point Clouds for Accident Visualization
- Hardware & Software Limitations of Video of Accidents

Accident Reconstruction

# **PRODUCT LIABILITY**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Leading Causes of Failures in Motor Vehicles & Non-Motor Vehicle Products
- The Importance of Evidence Preservation to Avoid Spoliation
- Forensic Engineering Insights into the Reasons Behind the Causes



To Be Approved

C.E./C.L.E. Hours

Available

To Be Approved

Accident Reconstruction

# RECONSTRUCTION MINI: UNDER THE HOOD OF CRASH RECONSTRUCTION PHYSICS & APPLICATION

- A Concise (Mini) Version of the ACTAR-Accredited Reconstruction Course
- Learn About: Vehicle Specifications, EDR Data, Momentum Calculations & Energy Analysis
- Monte Carlo Statistical Methods to Present Ranges & Improve Certainty
- A Review of our Holistic Reconstruction Toolkit



C.E./C.L.E. Hours

**Available** 

To Be Approved

Accident Reconstruction

# **REVIEWING OPPOSING EXPERT REPORTS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How Experts Inspecting the Same Evidence Sometimes Reach Different Conclusions
- A Step-by-Step Guide on Reviewing & Commenting on Expert Reports
- Practical Tips on What to Look for & Pitfalls to Avoid



C.E./C.L.E. Hours

Available

To Be Approved

Accident Reconstruction

# TAKING THE MYSTERY OUT OF THE "BLACK BOX"

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Types of Vehicles with Black Boxes That Can Be Accessed
- The Available Crash Data That Can Be Downloaded & the Limitations of the Data
- How the Data Can Be Used Effectively



### Accident Reconstruction

# **VEHICLE ACCIDENT INVESTIGATION** & RECONSTRUCTION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

#### C.E./C.L.E. Hours Available

Key Tech

To Be Approved

- What is Accident ReconstructionKey Technology Utilized by Experts
- Overview of Evidence Preservation & Why It is Critical
- Demonstratives for Telling the Story



# VEHICLE DAMAGE ASSESSMENT

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

C.E./C.L.E. Hours Available

To Be Approved

- Vehicle Components
- Repair Estimates
- Vehicle Response
- Documenting Vehicles



### Accident Reconstruction

# VIDEO ANALYSIS IN ACCIDENT RECONSTRUCTION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

C.E./C.L.E. Hours Available

To Be Approved

- What is Video Analysis in Accident Reconstruction
- An Overview of Variables & Evidence Used in Video Analysis
- Key Techniques of Video Analysis Utilized Through Various Methods in Premise Liability & Vehicle Accident Reconstruction
- Software & Tools Used by Experts to Recreate Visualizations

# **CONSTRUCTION CONSULTING**

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Approved in: CO, FL, OK, TX, WY Construction Consulting

**Construction Consulting** 

**PROJECT MONITORING** 

# **CONSTRUCTION DEFECTS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Examining Types of Construction Defects by Building Component
- What Determines Whether a Condition is Defective
- What Determines How a Defect Can Be Repaired

8<u>8</u>8

### C.E./C.L.E. Hours Available

To Be Approved

- Controlling & Verifying Labor Hours, Material, Equipment & Scope in Emergency Damage Situations
- Examine the Benefits of Clerking to the Insurance Company & Insured

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

• Project Monitoring Versus Clerk of the Works

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**Construction Consulting** 

# **QUALITATIVE & QUANTITATIVE ISSUES RELATED** TO ACCELERATION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Qualitative Discussion

To Be Approved

- What Is Acceleration
- Acceleration Means & Measures
- Types of Acceleration & Industry Considerations
- Quantitative Discussion
  - Time & Schedule Issues
  - Cost & Damages Issues
  - Source & Analysis of the Data Demonstrating Acceleration

### **Construction Consulting**

# WATERPROOFING: WHAT TO USE & WHERE

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Understand the Sources of Moisture Intrusion
- The Difference Between Water Resistance & Waterproofing
- How to Identify Waterproofing Options
- Waterproofing Methods & Strategies
- The Ramifications of Failed Waterproofing



1 C.E./

C.L.E. Hour

To Be Approved

Construction Consulting | Builder's Risk (CAR/EAR)

# **BUILDER'S RISK 301**

- A Recap of Builder's Risk Claims
- The Importance of Reaching a Mutual Agreement in Scope
- A Deeper Dive into Delay Analysis



### Construction Consulting | Builder's Risk (CAR/EAR)

# **BUILDER'S RISK FUNDAMENTALS & ANALYZING** THE CLAIM

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Property Coverage Basics for Builder's Risk
- Time Elements Coverage Basics

To be Approved •

- Problems & Coverage Disputes
- Claims Review Process



1 or 2 C.E./ C.L.E. Hours

Approved in FL, GA, IL, IN, NC, NJ, OK, PA, TN, TX, WI, WY

# Construction Consulting | Builder's Risk (CAR/EAR) BUILDER'S RISK FUNDAMENTALS 101

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Case Studies Based on Actual Claims
- Property Coverage Basics
- Examining Physical Damage Claims, Time Element Claims, Business Interruption & Rental Loss
- Reviewing the Fundamentals of Builder's Risk Claims
- What Insurance Companies Need to Know About Project Schedules & How Business Interruptions Come into Play



# Construction Consulting | Builder's Risk (CAR/EAR)

### **BUILDER'S RISK NEXT LEVEL 201**

- A Review of the Basics of Builder's Risk from Builder's Risk 101
- The Importance of Early Claim Involvement
- Schedules & Delays
- Claim Costs: Valuation Issues, Delay Costs & Extended General Conditions
   & Claim Cost Analysis



### Construction Consulting | Builder's Risk (CAR/EAR)

# **BUILDER'S RISK POWER HOUR - RENEWABLE ENERGY PROJECTS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Renewable Energy Projects & Losses
- Builder's Risk Best Practices
- Schedule Delay Analysis
- Relevant Legal Issues

### Construction Consulting | Construction Estimating

# **CABINETS – THINKING INSIDE & OUTSIDE THE BOX**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How Cabinets are Made & the Various Cabinet Materials
- The Different Grade Levels of Cabinets
- All About Granite Countertops & How to Identify the Correct Grade for an Estimate
- Dispelling a Few Cabinet Myths



1 C.E./

C.L.E. Hour

Approved in: CA, CO, FL, MI, NC,

OH, SC, TX

### Construction Consulting | Construction Estimating

### DEPRECIATION OF LABOR IN ESTIMATES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State Presented by Jon Held

- The History & Background of Indemnity
- The Three Methods of ACV by Jurisdiction
- The Three Types of Depreciation
- The Five Methods of Calculating Depreciation
- The Big Question Can You Depreciate Labor
- Important Case Law on Depreciation of Labor



Construction Consulting | Construction Estimating

### **ESTIMATING**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Basic Overview of Property Damage Estimating & Scoping
- How to Support Your Evaluation
- Enhancing Negotiation Techniques

To be Approved

1 C.E./ C.L.E. Hour

Approved in: CA, CO, FL, MI, NC,

OH, SC, TX

- Evaluating Contractors and/or Public Adjusters' Estimates
- Producing a Rough Order of Magnitude

# Construction Consulting | Construction Estimating

# **ESTIMATING ACCURATELY - FOLLOW THE PROCESS** TO WRITE BETTER ESTIMATES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How to be Better Prepared for Any Site Inspection
- How to Conduct a Thorough Site Inspection
- Steps to Preparing a Rough Order of Magnitude (ROM) & a Detailed Estimate
- The Importance of Both a Self & Peer Review



Construction Consulting | Construction Estimating

# THE FUTURE OF CLAIMS

- Where We have Been, Where We Are & Where We Are Going
- The Cutting-Edge Tools Used Now for Inspection Documentation
- How Carriers are Adapting AI & Technology for the Future



1 C.E./ C.L.E. Hour

To Be Approved

1 C.E./

C.L.E. Hour

Approved in: CA, CO, FL, MI, NC, OH, SC, TX

### Construction Consulting | Construction Estimating

### **INFLATION & SUPPLY CHAIN ISSUES**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Understanding the Why Behind Supply Chain Issues
- How to Expedite Repairs During Times of Supply Chain Issues
- How to Continue to Write Accurate Estimates & Determine the Period of Restoration During Uncertain Times

### Construction Consulting | Construction Estimating

# TOP TEN ERRORS IN BUILDING LOSS ESTIMATES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Identify Commonly Misquoted Building Code References
- A Review of the Top Ten Errors
- How to Properly Associate a Building Code Upgrade Item to an Estimate



### Construction Consulting | Construction Estimating

# USING TECHNOLOGY TO IMPROVE COMMUNICATION ON CLAIMS

- How COVID-19 has Affected the Claims Process
- Ways the Industry is Adapting to Account for our Current Challenges
- Technology Available for Detailed Site Inspections, Which Allow In-Depth Desktop Review
- Technology Available for Continued Collaboration on Files
- How the Necessity to Utilize Technology (At This Time) Inspires the Industry Moving Forward



### Construction Consulting | Construction Scheduling & Planning CONCEPTS IN CONSTRUCTION SCHEDULING & PROJECT DELAYS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Construction Scheduling Concepts & Best Practices
- Causes & Classification of Construction DelaysNon-Excusable (& Non-Compensatory) Delays

To be Approved

- Excusable & Compensatory & Non-Compensatory Delays
- Acceleration

### Construction Consulting | Construction Scheduling & Planning

### **CPM SCHEDULING & DELAY CLAIMS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State



To Be Approved

- Basic Overview of CPM Scheduling
- Discuss Analyzing & Resolving Delay Claims
- Discuss Analyzing & Resolving Disruption & Impact Claims
  - Examine Schedules & Claims Analysis
  - Topics Include Using, Preparing & Defending Construction Schedules
  - Understanding Delay Claim Methodologies



# Construction Consulting | Construction Scheduling & Planning OPERATIONAL NUANCES WITH CONSTRUCTION

### SCHEDULES USING MICROSOFT PROJECT

- Notable Software Limitations
- Project & Software Settings
- Tips for the Scheduling Update Process
- An Overview of Available Schedule Analysis Tools



1 C.E./ C.L.E. Hour

Approved in: CO, FL, OK, TX, WY

# Construction Consulting | Surety CONSTRUCTION SCHEDULING & ANALYSIS

Presented by Richard Sexton

- Basics of Scheduling, Time, Resource, Risk & Quality Management
- Definition of Terms Used Throughout the Planning & Scheduling Process of a Construction Project
- Useful for Individuals Practicing in Construction Law and/or Management

Construction Consulting | Surety

# MANAGING TIME RELATED RISK: CONSTRUCTION DOCUMENTATION, SCHEDULING & ANALYSIS

Presented by Richard Sexton

- How Risk is Managed
- Time Related Risks
- Who Owns the Risk



# Construction Consulting | Surety SURETY BONDS & CLAIMS - GET IN THE KNOW

- Top Benefits of Bonding, Including Cost & Risk Mitigation
- An Overview of the Claims Process
- Tips for Communicating with Your Surety
- Key Steps to Take if a Claim is Made Against You



### Construction Consulting | Surety

# SURETY CLAIMS - AN INTRODUCTION TO CONSTRUCTION PLANS & SPECIFICATIONS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Fundamental Layout of Building Plans
- Key Information Contained in Plans

To be Approved

- An Overview of Construction Specifications: Technical & Non-Technical
- Why Understanding Plans Sheds Light on Other Important Contract Documents
- How to Use Plans & Specifications Effectively

# **CORPORATE FINANCE**

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C.E./C.L.E. Hours

**Available** 

To Be Approved

#### Corporate Finance

# FIRST DAYS' CHECKLIST FOR RECEIVERSHIPS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- An Overview of the Receiver's Checklist for New Appointments
- Tips for Effectively Utilizing the Checklist
- Important Steps & Actions Included in the Tool
- How the Actions in the Checklist Help Avoid Top Mistakes



Available

To Be Approved

#### Corporate Finance

# FRAUD RECOVERIES IN RECEIVERSHIP & BANKRUPTCY CASES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Types of Fraud Related to Receivership & Bankruptcy Cases
- Best Practices for Fraud-Related Matters
- An Overview of Different Types of Litigation Claims



### Corporate Finance

# RESTRUCTURING, TURNAROUND & RECEIVERSHIP (RTR)

- Creating Synergies for Lenders, Investors & Owners
- Methods for Preserving Relationships & Ongoing Business Value
- How to Manage Complex Constituency Relationships

# ECONOMIC DAMAGES & VALUATIONS

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Economic Damages & Valuations

# BUSINESS VALUATION 101 - HOW TO SPEAK TO YOUR CLIENT ABOUT THE VALUE OF THEIR BUSINESS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Documents Necessary for a Valuation
- How do you Value a Business
- Applying the Correct Valuation Approach
- Refuting Valuation Approaches



### Economic Damages & Valuations

# CALCULATING ECONOMIC DAMAGES IN WRONGFUL TERMINATION IN CLASS ACTION CASES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Determining the Lost Earnings Rate
- Determining the Expected Job
- Search Period for Alternate Employment
- Determining Mitigation Earnings in Alternate Employment
- Present Value Calculations



To Be Approved

### Economic Damages & Valuations

# HOME ALONE: FINANCIAL FRAUD IN A WORK FROM HOME WORLD

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

### • Fraud Insights from Experts with FBI & IRS Experience

- How to Maintain Good-Faith Claims-Handling While Applying Professional Skepticism
- Understanding the Nuances of Fraud in a Work from Home Culture



Economic Damages & Valuations

# MARITAL STANDARD OF LIVING (MSOL) - CHERITON & ACKERMAN

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved n Your State

- California Family Code Section 4320 & 4330
- MSOL Calculations Based on Five Different Scenarios

To Be Approved

- Common Variations of Adjustments for Housing Expenses
- A Discussion of Consumer Price Index & Inflation

# eDISCOVERY, DIGITAL FORENSICS & DATA ANALYTICS

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C.L.E. Hour

To Be Approved

#### eDiscovery, Digital Forensics & Data Analytics

# **BIG DATA REVIEW & MANAGEMENT**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What Is Big Data
- Gathering Data & Types of eDiscovery Review
- Forensic Accounting Example

C.E./C.L.E. Hours Available

To Be Approved

#### eDiscovery, Digital Forensics & Data Analytics

# DIGITAL FORENSICS: WHY IT MATTERS TO ADJUSTERS & ATTORNEYS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What is Digital Forensics
- How Digital Forensics Provides the Context for the Event
- Why Data Logs Matter
- The Five Phases of Digital Forensics



### eDiscovery, Digital Forensics & Data Analytics HACKING INTO CYBER CLAIMS

- The Types of Cyber Claims
- Similarities & Differences Between Cyber & Non-Cyber Claims
- How Business Interruption is Calculated on Cyber Claims

# ENVIRONMENTAL, HEALTH & SAFETY

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AR, CA, FL, GA, LA,

MS. NY. TX

CRUISING THROUGH YOUR RISKY BUSINESS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Disaster Planning
- Emergency Response
- Claim Scenario from Notification to Restoration
- An Overview of the Industry Standards
- Recent Case Law & Precedents

1 C.E./ C.L.E. Hour

To Be Approved

Environmental, Health & Safety

# ENERGY STORAGE - THE KEY FACTOR IN POWER LOSSES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Current State of Energy Production Green & Other
- How Energy Storage Issues Contributed to the Texas Extreme Cold Weather Outages
- How Energy is Stored With Today's Technology



### Environmental, Health & Safety

# ENVIRONMENTAL CONSIDERATIONS IN THE CLAIMS PROCESS

- IIRC Procedural Standards Related to Damage Assessments Involving Regulated, Hazard Materials & Mold on Claim Sites
- EPA Regulations Regarding Where Regulated Materials May Exist & Will Be Disturbed on Claim Sites
- Commonly Encountered Hazardous Building Materials on Claim Sites
- Assessing Potential Environmental Hazards Through Sampling on Claim Sites



Environmental, Health & Safety

# ENVIRONMENTAL CONSIDERATIONS ON BUILDING OPERATIONS & POTENTIAL PROPERTY CLAIMS RELATED TO RE-OCCUPANCY

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

To Be Approved

1 C.E./ C.L.E. Hour

Approved in:

CO, FL, OK, TX, WY

- Water Systems & Potential Contamination
- Heat, Vent & Cooling Systems & Indoor Mold Issues
- Other Hazardous Materials to Consider:
  - Asbestos
  - Lead
  - PCBs

Environmental, Health & Safety

# ENVIRONMENTAL, HEALTH & SAFETY ISSUES WITH BUILDER'S RISK

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Fire Loss Case Study
- Physical Hazards from Fire Damage
- Physical Hazards from Water Damage
- Potential Environmental Impacts to Projects
- Preventative Measures



### Environmental, Health & Safety

# THE TOP TEN ENVIRONMENTAL ISSUES

- Property vs. Environmental
- Fire Damage to Buildings Impacting Slabs
- Emergency Response vs. Management
- Offsite vs. Onsite Allocation
- Subrogation
- Professional Liability Claims & Reducing Risk
- Professional's Contract
- Clearly Documenting Who the Client is
- Communicating the Status of Cleanup
- Consistent Report Language that is Vetted



# Environmental, Health & Safety | Environmental Due Diligence

### VAPOR INTRUSION – EVALUATING AIR QUALITY IMPACTS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Due Diligence (ASTM) Standards & State Risk-Based Assessments

- Driving Forces Behind Vapor Intrusion Evaluations
- Impacts on Air Quality Within Structures from Soils/Groundwater Contamination
- Sampling & Assessment Methodologies
- How the Cause & Origin of Contamination is Determined
- Remediation Design & Corrective Action

1 C.E./ C.L.E. Hour Approved in: CT, FL, ME, NH,

TX, VT

### Environmental, Health & Safety | Environmental Due Diligence

# WATER QUALITY - A LOCAL, REGIONAL & NATIONAL ISSUE

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Media Attention Surrounding Water Quality Issues
- How Water Quality is Being Impacted by Chemical & Biological Contamination
- Effects of Lead/Naegleria Fowleri on Water Quality
- Changes in Standards & Regulations
- Assessments/Sampling Requirements
- Where We Are Encountering Water Pollution Claims



### Environmental, Health & Safety | Industrial Hygiene

# COMMONLY MISUNDERSTOOD HAZMAT **REGULATORY STANDARDS**

- Learning About Hazardous Building Materials at Claim Sites
- Learning About Supposed Bans Regarding Hazardous Materials
- Who is Required to Evaluate the Presence of Hazardous Materials and/or Hazardous Conditions



### Environmental, Health & Safety | Industrial Hygiene

# **FENTANYL & CARFENTANIL SITE REMEDIATION**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- An Introduction to a New Hazard
- What the Physical Risks Are & How to Identify Potentially Contaminated Sites
- How Testing is Completed
- The Abatement Process

# 32-Hour Course

### Environmental, Health & Safety | Industrial Hygiene

# LEAD PAINT REMOVAL (AMPP C3)

- How to Protect Workers
- Examine Environmental Compliance
- Hands-On Workshops
- Lead & Other Toxic Materials Current Legal & Regulatory Environment
- Review Risk Management for Workers, the Public & Environment

 $^{\ast}$  To receive credit, participants must attend all 32 course hours and attain a 70%+ score on the exam



### Environmental, Health & Safety | Industrial Hygiene

# LEGIONELLA CLAIMS - WHAT YOU NEED TO KNOW

- The Rise of Legionella Claims in Recent Years
- ASHRAE Standards & Guidelines
- Common Issues We See in Legionella Claims
- Methods Used to Determine Cause & Origin
- Overview of Repair & Maintenance
- Preparation of Compliance/Operating Documentation
- Areas of Subrogation (Related to Cause)
- Contaminants Related to Mold & Microbial Matter Associated with Drinking
   Water Systems



**Available** 

To Be Approved

### Environmental, Health & Safety | Industrial Hygiene

### MANAGING MOLD ISSUES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What is Mold
- Types of Mold & Mold Misconceptions
- Mold Testing & Remediation
- Who Should Write the Protocol



#### Environmental, Health & Safety | Industrial Hygiene

# SUPERVISOR/COMPETENT PERSON TRAINING REFRESHER COURSE FOR DELEADING/HAZARDOUS COATINGS REMOVAL ON INDUSTRIAL & MARINE STRUCTURES (AMPP C5)

- Refresher Course for AMPP C3 Training
- An Overview of OSHA & EPA Regulations
- Review Competent Person Duties & Responsibilities



To Be Approved

### Environmental, Health & Safety | Industrial Hygiene

### WET & WILD: MOLD & LEGIONELLA

- What Is Mold & Legionella
- Types & Environments of Mold & Legionella
- Mold & Legionella Myths Dispelled
- Proper Protocols for Mold Remediation & Legionella Prevention



#### Environmental, Health & Safety | Industrial Hygiene

# WILDFIRE SMOKE DAMAGE: WHERE THERE IS SMOKE, THERE IS NOT ALWAYS DAMAGE

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What is Smoke
- What Are Some Potential Hazardous Constituents in Smoke
- What to Look for in a Wildfire Smoke Investigation

### Environmental, Health & Safety | Safety Consulting Services

### 8-HOUR CONFINED SPACE ENTRY

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Definition of Confined Space & Permit Required Spaces
- Discuss the Hazards of Confined Spaces
- Examine Confined Space Entry Permits
- Review PPE Used for Confined Space Entry



8 C.E. Hours

To Be Approved

Environmental, Health & Safety | Safety Consulting Services
8-HOUR EMPLOYEE ENGAGEMENT & INTERVENTION

# FOR JOB-SITE SAFETY

- The Advantages of Positive Safety Intervention & Engagement
- Effective Hazard Identification Techniques
- Reasons for Non-Engagement of Employees Relating to Safety
- Promoting Effective Intervention



# Environmental, Health & Safety | Safety Consulting Services

# DISASTER SITE SAFETY

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- 1st & 2nd Responder Duties
- Disaster Site Classification
- Identifying Safety Hazards
- Mitigating Injury Risk
  - Protective Equipment Overview
  - Psychology of Disaster Sites

#### Environmental, Health & Safety | Safety Consulting Services

### **OSHA 10-HOUR CONSTRUCTION**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- 10-Hour Course
- \_\_\_\_\_

To Be Approved

- Construction Industry Health Hazards
- Personal Protective Equipment Overview
- Review OSHA's Construction Focus Four



Environmental, Health & Safety | Toxicology Consulting Services ALCOHOL EXCESS & ACCESS: DRAM SHOP & SOCIAL HOST LIABILITY

- The Clinical Effects of Alcohol
- Interpretations of Alcohol Test Results
- A Case Study Involving Alcohol & Test Results



# Environmental, Health & Safety | Toxicology Consulting Services BIOHAZARDS: BLOOD, SWEAT & TEARS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What Are Biohazards
- What Are Bloodborne Pathogen Biohazards
- What Are Microorganism Biohazards
- What About Mold & Its Effect On Humans



#### Environmental, Health & Safety | Toxicology Consulting Services

# CANNABIS - AN OVERVIEW: ABSORPTION, EFFECTS, DETECTION & INVESTIGATIONS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- An Overview of Cannabis & THC
- Absorption, Distribution, Metabolism & Excretion
- Differences Between Smoking/Vaping & Edibles
- Why Detection of Metabolites Persists Beyond Impairment
- Grow Operation Investigations



Environmental, Health & Safety | Toxicology Consulting Services

# CORONAVIRUS ASSESSMENTS: THE SCIENCE OF TRANSMISSION & SPREAD

- What A Pandemic is & Who We Rely on for Legitimate Information
- The Issues Our Clients Are Dealing With
- Site Testing & Who Should Write Protocols
- The Important Difference Between Cleaning & Decontamination



#### Environmental, Health & Safety | Toxicology Consulting Services

# FOOD FORENSIC SAFETY: IT'S NOT ALWAYS A GUT FEELING

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State Presented by Allison Stock, PhD, MPH, MS

- What are Disease-Causing Microorganisms & Pathogens
- The Top 5 Pathogens that Cause Food Illnesses
- The Main Types of Food borne Illnesses
- The Best Methods of Preventing Foodborne Illnesses

#### Environmental, Health & Safety | Toxicology Consulting Services

### **IMPAIRED DRIVING: CANNABIS & ALCOHOL**



- How Cannabis Affects Driving
- The Ways Cannabis or Alcohol Impairment May Be Measured
- The Differences Between Alcohol & Cannabis Impairment

To Be Approved

# EQUIPMENT CONSULTING

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#### Equipment Consulting

# DATA CENTER CATASTROPHE: MY DATA IS GONE!

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Gain an Understanding of IT & the Key Types of IT Structures
- Why a Technical Evaluation of an IT Claim is Important
- The Necessary Steps to Evaluate an IT Claim

#### Equipment Consulting

### **PRODUCT LIABILITY: FAULTS & FINDINGS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- An Overview of the Types of Product Liability Claims
- Three Case Studies:
  - Scuba Hose Failure
  - Boiler Explosion
  - Woodchipper Failure



1 C.E./

C.L.E. Hour

To Be Approved

#### Equipment Consulting

# PRODUCTION EQUIPMENT CATASTROPHES: DAMAGE ASSESSMENT & MITIGATION OF DOWNTIME

- Mitigation of the Overall Loss
- Water Contamination Assessment
- Fire/Soot Assessment
- Replacement Cost Determination
- Cost of Daily Lost Production
- Notable Production Equipment Loss Examples



#### Equipment Consulting

# SEMICONDUCTOR CLAIMS: LITTLE CHIPS CREATING BIG PROBLEMS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Wafer Fabrication Cleanrooms
- Hazards in Wafer Fabrication
- Semiconductor Case Studies

# 2 C.E./ C.L.E. Hours

\_\_\_\_\_

To Be Approved

Equipment Consulting

# WHY LARGE LOSSES AT HOSPITALS ARE UNIQUE

- Why the Type of Hospital Matters
- How Bottleneck Losses Can Impact the Entire Hospital
- How Hospital Losses Are Measured
- Methods to Continue Services After a Major Event





To Be Approved

#### Ethics

# **GOLF & ETHICS IN THE INSURANCE WORLD**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Why Strong Ethics Matter in Golf & Adjusting
- Why Golf Equipment Matters & Why the Tools in Your Ethical Toolbox Matter
- How Golf Course Management Applies to Adjusting
- Why Good Golfers & Adjusters Know & Follow the Rules



C.L.E. Hour

Approved in:

CA, CO, FL, MI, NC,

OH, SC, TX

### Ethics

# HOW FOOTBALL CAN TEACH ADJUSTERS GOOD-FAITH CLAIMS-HANDLING SKILLS

- A Review of Ethical Failures & Their Commonalities
- The Top 3 Things We Can Do to Avoid Ethical Failures
- How A Football Metaphor Can Assist Claims Pros to Have Stronger Good-Faith Claims-Handling Skills
  - Avoid Fumbles & Interceptions
  - Know the Playbook
  - Follow the Rules
- 3 Case Studies to Illustrate the Session Lessons

# **FIRE ORIGIN & CAUSE**

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#### Fire Origin & Cause

# COMMON MISCONCEPTIONS REGARDING THE DISPOSAL OF FIRE DEBRIS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- NFPA 921 How It Applies to Fires Caused by Fire Debris
- The Statistics on Fires Caused by Improper Handling of Fire Debris
- The Common Safety Warnings on Charcoal Packaging
- The Basic Safety Measures Involved in Disposing of Fire Debris
- Case Study of the Disposal of Fire Debris

#### Fire Origin & Cause

# THE DOs & DON'Ts OF FIRE INVESTIGATIONS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- An Overview of NFPA 921
- Why the Scientific Method Matters
- Avoiding Bias
- Why 'Delivering the News' is Important



1 C.E./

C.L.E. Hour

To Be Approved

#### Fire Origin & Cause

### **ELECTRIC SPACE HEATERS - A HIDDEN HAZARD**

- Types of Space Heaters
- Components of Space Heaters
- Recalled Space Heaters
- Subrogation Tips



#### Fire Origin & Cause

# FACT OR FICTION - CAN YOU TRUST YOUR FIRE INVESTIGATOR'S REPORT

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What NFPA 921 is & Why It is Important to All Fire Investigations
- How the Scientific Method Applies to Fire Origin & Cause

To Be Approved

1 C.E./

C.L.E. Hour

Approved in: TX

- Why Collaboration is Important
- Why Technical Peer Reviews Matter

• What Expectation & Confirmation Bias Are

Fire Origin & Cause

### FIRE SUPPRESSION SYSTEMS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Learn About Fire Suppression System Types, Components & Installation
- Typical Failures
- Troubleshooting & Problem Prevention
- Related Building Code Issues
- Subrogation Tips



#### Fire Origin & Cause

# FIREPLACE FIRES - WHEN A FRIENDLY FIRE BECOMES UNFRIENDLY

- Learn the Types of Fireplaces in Structures
- Learn the Components of Fireplaces
- Learn the Importance of Building Codes & Manufacturer Installation Requirements
- Learn the Common Fireplace & Heating Appliance Installation Errors



To Be Approved

1 C.E./ C.L.E. Hour

To Be Approved

#### Fire Origin & Cause

### **GAS FED FIRES**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Key Components of Grills & Grill Safety
- Understanding the Dangers of Grills
- Case Studies from Live Burns on Gas Grills
- Corrugated Stainless Steel Tubing (CSST) & Why Bonding Matters

#### Fire Origin & Cause

# HOW TO PROPERLY PREPARE FOR A FIRE EXPERT DEPOSITION & LITIGATION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Basic Understanding of Fire Cause Analysis
- Develop Defensive Subrogation Issues Involving Fire Related Claims
- What is a Fire Expert
- NFPA Codes/Guidelines
- A Review of a Case Study



#### Fire Origin & Cause

# **OUTDOOR FIRES - LIABILITY & SAFETY**

- A Common Scenario of An Accelerant Poured on Open Flames
- The Top Liability Questions Involving Floating Embers
- Key Indications Used to Determine If Proper Safety Protocols Were Followed
- Case Studies from Live Burns on Outdoor Fires & Flame Jetting



Fire Origin & Cause

# **OUTDOOR FIRES: TOO CLOSE FOR COMFORT**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- NFPA 921 How It Applies to Outdoor Heater Fires
- The Statistics on Heater Fires
- The Common Safety Warnings on Heaters
- How to Safely Use Outdoor & Indoor Heaters
- Case Study of an Outdoor Heater Fire & Live Burn Lessons

Approved in: TX

# FORENSIC ACCOUNTING

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Forensic Accounting

# **CYBER CLAIMS GONE VIRAL**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- A History of Cyber Insurance
- Types of Cyber Claims
- Top 3 Cyber & Business Interruption Measurement Issues
- Importance of a Technical Review of the Cyber Loss



# **DELAY IN COMPLETION LOSSES**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Identifying the Key Issues in Measuring Delays
- What Documents to Ask For
- Why Collaboration is Crucial to an Amicable Resolution
- A Case Study Explained



1 C.E./

C.L.E. Hour

Approved in: CO, FL, OK, TX, WY

#### Forensic Accounting

### **EMPLOYEE DISHONESTY LOSSES**

- Elements of Employee Theft
- Types of Employee Theft Schemes
- Internal Controls
- Indicators of Potential Internal Fraud



#### Forensic Accounting

# HOW TO OPEN THE GATE OR KEEP IT CLOSED: EXPERT TESTIMONY

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Discussion of How the Trial Courts Act as a Gatekeeper to Allow or Exclude Expert Testimony
- Expert Testimony Red Flags
- What is the Ladder of Speculation?
- How Damages Can Be Triangulated
- Advice for Choosing Experts & A Discussion of the Federal Laws Regarding Expert Testimony



#### Forensic Accounting

# THE LAW OF FRAUD & THE ROLE OF THE FORENSIC ACCOUNTANT

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Types of Fraud
- Fraud Red Flags & Detection
- How Forensic Accountants Determine Potential Fraud
- Fraud Laws



#### Forensic Accounting

### **MARINE CLAIMS & BUSINESS INTERRUPTION**

- Learn How We Can Help Measure the Damages on Marine Losses
- Learn the Four Types of Open Cargo Stock Throughput (Inventory) Losses
- Learn the Two Types of Marine Time Element Claims
- Learn About Hull & Marine Liability Claims



#### Forensic Accounting

# **OUT OF SIGHT INVENTORY LOSSES**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Learn About the Different Accounting Types of Inventory Systems
- Learn About the Different Types of Inventory
- Learn About all the Accounting Records & the Importance of Shrinkage, Obsolescence & Seasonality



C.E./C.L.E. Hours Available

Approved in: CO, FL, OK, TX, WY

# FINANCIAL STATEMENTS 101 FOR ATTORNEYS & THE ROLE OF THE FINANCIAL EXPERT

Forensic Accounting | Accounting & Auditing Standards Litigation

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Income Statements & Balance Sheets
- Statement of Cash Flows
- Journal Entries
- Financial Statement Services
- Determining the Lost Earnings Rate



Forensic Accounting | Accounting & Auditing Standards Litigation

# FRAUD IN FINANCIAL STATEMENTS & THE AUDITOR'S ETHICAL RESPONSIBILITIES

- The Principles of Audits
- The Multiple Purposes of Audits
- The Importance of the Auditor's Independence
- Who is The Association of Certified Fraud Examiners (ACFE)



To Be Approved

# Forensic Accounting | Business Interruption / Lost Profits BASICS OF INCOME LOSS - HOTEL LOSS SCENARIO

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Business Interruption (BI) Basics
- BI Methodologies
- Case Studies: Basic Hotel & High-End Hotel Loss



To Be Approved

Forensic Accounting | Business Interruption / Lost Profits

### **CONTINGENT BUSINESS INTERRUPTION**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Key Terms in Contingent Business Interruption Losses
- Scenarios of Contingent Business Interruption
- How to Calculate Contingent Time Element Losses
- A Case Study to Illustrate Contingent Business Interruption



Forensic Accounting | Business Interruption / Lost Profits

# **CONTINGENT BUSINESS INTERRUPTION LOSSES**

- Contingent Business Interruption Factors
- How a Rough Order of Magnitude is Created for a Contingent BI Loss
- What About Extra Expenses



### Forensic Accounting | Business Interruption / Lost Profits CONTINGENT TIME ELEMENT & RELATED ISSUES: WHAT YOU NEED TO KNOW

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Key Definitions & Scenarios of Contingent Claims
- The Methods of Contingent Time Element Calculations
- The Documents to Collect to Determine the Damages

#### Forensic Accounting | Business Interruption / Lost Profits

# **COVID-19: PARDON MY BUSINESS INTERRUPTION**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

1 C.E./ C.L.E. Hour

To Be Approved

• The Basics of Business Interruption (BI)

- The Key Terminology of BI Language in Policies
- The Current Thoughts on Retroactive Laws & Policy Changes



To Be Approved

Forensic Accounting | Business Interruption / Lost Profits
INTRODUCTION TO BUSINESS INTERRUPTION

- What Business Interruption Is & Its Components
- Key Questions to Ask the Insured
- Important Documents to Ask For
- The Formula for Business Interruption & the Interplay Between Business Interruption, Extra Expense & Property Damages



#### Forensic Accounting | Business Interruption / Lost Profits

# NAVIGATING BUSINESS INTERRUPTION CLAIMS THROUGH RIOTS & CIVIL UNREST

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

• Complex Issues Associated with Property Damage, Riots, Terrorism, Event Cancellation & Civil Authority Complications to a Bar

To Be Approved

- Quantum Impact in a Fluid Environment
- The Impact on a Covered Loss Extending the BI Period
- Determining If/When Multiple Events Are One or More Claims

# FORENSIC ENGINEERING

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To Be Approved

#### Forensic Engineering | Code Upgrade & Compliance

## ADA COMPLIANCE & THE ACCESSIBILITY CODE

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- What is the American Disability Act & Why It May Be Important to Your Claim
- How the ADA & Accessibility Code Are Enforced
- Illustrative Case Studies for the ADA & Accessibility Codes

# 1 or 2 C.E./



Approved in: CT, DE, FL, GA, ME, NC, NH, NY, PA, UT, WY

#### Forensic Engineering | Code Upgrade & Compliance

# **BUILDING CODE, CODE UPGRADES & LAW & ORDINANCE**

Presented by Michael Rimoldi, MPA, CBO, CFM

- Causation Specific Building Code Triggers
- History & Development of the Building Codes
- ICC Building Code Overview
- Navigating the Building Code Library
- Questions to Ask When Confronting Building Code Compliance



#### Forensic Engineering | Code Upgrade & Compliance

### FEMA/NFIP FLOOD

- The FEMA 50% Rule
- The Impacts of Pre/Post FIRM Determinations
- Examining FEMA/NFIP Compliance Verification
- How to Navigate the FEMA Flood Maps
- Overview of Flood Remediation
- Reviewing National Building Code Requirements



To Be Approved

#### Forensic Engineering | Code Upgrade & Compliance

INTERNATIONAL EXISTING BUILDING CODE

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Basic Overview of the International Existing Building Code
- How, When & Why to Apply Various Compliance Methods Within the International Existing Building Code
- Case Studies on How the Building Code is Applied on a State & Local Basis

#### Forensic Engineering | Code Upgrade & Compliance

### LAW & ORDINANCE & LEED CLAIMS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State



To Be Approved

- The Application of Building Codes to a Loss
- What Triggers Code & Which Codes Apply
- Examining Code Upgrade Claims
- Extensive Use of Case Studies
- Reviewing How to Determine Code Compliance



Forensic Engineering | Code Upgrade & Compliance

# PERMIT MY INTERRUPTION: A GUIDE TO PERMITS FOR INSURANCE PROFESSIONALS

- A Review of Permit Basics, Cost & Filing Deadlines
- Key Information on Permits
- e Approved Examples of Projects Not Requiring a Permit
  - The Importance of Properly Performed Inspections & Closing Out Permits



1 C.E./ C.L.E. Hour

Approved in: AL, FL, GA, NC, PA

1 C.E./

C.L.E. Hour

To Be Approved

#### Forensic Engineering | Code Upgrade & Compliance

# THE TOP TEN BUILDING CODE QUESTIONS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Historic Events that Led to Building Code Advancements
- A Review of the Top Ten Building Code Questions
- How to Associate a Building Code Upgrade to a Line Item in Xactimate

#### Forensic Engineering | Premises Liability Evaluations

# **THE EVALUATION OF SLIP & FALL CLAIMS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Causes for Slip & Fall Claims: Environmental Factors, Human Factors
- Interaction Between Walkways & a Pedestrian
- Standards for Slip Resistant Floors
- Evaluation Methods of Slip Resistance



Forensic Engineering | Premises Liability Evaluations

# PREMISES LIABILITY & GOVERNING PROVISIONS FOR SLIP, TRIP & FALL CLAIMS

- Case Studies & Premises Liability Claim Examples
- Discuss Slip Resistance Measurements & Requirements
- Examine Stairway Construction & Guardrail Requirements
- Identify Legally Compliant & Non-Compliant Facilities
- Overview of Governing Building Codes, Laws, Ordinances & Standards



1 C.E./ C.L.E. Hour

To Be Approved

C.E./C.L.E. Hours

Available

To Be Approved

#### Forensic Engineering | Premises Liability Evaluations

**PREMISES LIABILITY & THE BUILDING CODE** 

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Basics of the Building Code Related to Premises Liability
- Key Events That Led to Better Safety Standards
- Two Major Causes of Premises Liability Claims; Stairs & Poor Lighting

#### Forensic Engineering | Premises Liability Evaluations

### **SLIPS, TRIPS & FALLS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

Did You Know Falls Are the Second Leading Cause of Accidental Death?

- Building Code Issues in Slips, Trips & Falls
- The Potential Variables That May or May Not Be Relevant
- Court-Tested Case Study Examples



Forensic Engineering | Seismic Evaluations

# GROUND VIBRATION ATTENUATION RATE DUE TO BLASTING IN SOUTH FLORIDA

- Local Residents' Concern with the Blasting
- Florida Regulations
- Blasting Mine Data Explained
- An Application to Vibration Analysis, Plumbing & Sprinkler Systems



To Be Approved

#### Forensic Engineering | Seismic Evaluations

# MAJOR EARTHQUAKES: WHAT TO EXPECT DURING & AFTER SEISMIC EVENTS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How the Richter Scale Measures the Release of Energy from the Epicenter
- How to Safely Respond to the Immediate Effects of a Major Earthquake
- How Building Code Seismic Design Elements Help Ensure Structures Are Prepared for Earthquakes

#### Forensic Engineering | Seismic Evaluations

### **MASONRY WALLS & CRACK EVALUATION**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- 1 C.E./ C.L.E. Hour
- To Be Approved
- Evaluating Cracks to Masonry Walls
- The Causes of Cracks to Masonry Walls
  Interpreting Cracks to Masonry Walls



Forensic Engineering | Seismic Evaluations

# **VIBRATIONS CLAIMS - DID YOU FEEL THAT?**

- Key Concepts & Why The Early Stages of Construction Matter
- Why the Human Perspective of Vibration Matters
- Examining Direct & Indirect Vibration Damage
- Examples of Typical Failure Modes of Structures Versus Cosmetic Damage
- The Overview of Vibration Claim Basics
- Reviewing Various Methods of Investigating Vibration Claims

# **HUMAN FACTORS**

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#### Human Factors

# BEHAVIOR-BASED SAFETY PROGRAM EFFECTIVENESS & CULTURE

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Human Behavior & System Performance
- Checklists & System Performance
- Behavior Observation & Management in Safety Systems

#### Human Factors

# HUMAN FACTORS & DRIVER BEHAVIOR IN MOTOR VEHICLE ACCIDENTS (MVAs)

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- How Experts Investigate MVAs When Liability is Contested
- The Limitations of Human Factors/Driver Behavior/Traffic Research
- A Review of Peer-Reviewed Published Research That Debunks Myths About Perception-Reaction Time & MVAs



1 C.E./ C.L.E. Hour

To Be Approved

#### Human Factors

# SALIENT HUMAN FACTORS ISSUES IN MOTOR VEHICLE ACCIDENTS

- How Age Human Factors Affect Motor Accident Risks
- How Automation Systems Affect Motor Accident Risks
- How Driver Distraction Affects Motor Accident Risks

# INVESTIGATIONS / COMPLIANCE CONSULTING

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#### Investigations | Compliance Consulting

# PAYCHECK PROTECTION PROGRAM (PPP): FRAUD INVESTIGATIVE TRENDS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Overview of Both Round 1 & 2 of the CARES Program
- Why This is a Target Rich Environment for Fraud

To Be Approved

- Techniques Used to Identify Fraud in the PPP Programs
- Various Methods the Government is Using to Attempt to Thwart PPP Fraud

# MATERIALS ANALYSIS & LAB TESTING

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To Be Approved

#### Materials Analysis & Lab Testing

# HOW A FAILURE ANALYSIS LAB CAN HELP YOU CLOSE COMPLEX CLAIMS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Understanding Failure Analysis
- Learning the Tools Used in a Failure Analysis Laboratory
- Three Case Studies: How the Tools Are Used



1 C.E./ C.L.E. Hours

Approved in: CA, FL, IL, MN, TX, UT, WY

#### Materials Analysis & Lab Testing

# THE ROLE OF METALLURGY & MATERIALS SCIENCE IN FAILURE ANALYSIS

- Why Things Break & How We Determine How They Broke
- A Review of the Technology Used in Material Examinations
- Case Studies:
  - Damage Dock
  - Scuba Air Hoses
  - Oil Transit Failure
  - Unsafe Safety Glasses

# PROPERTY & INFRASTRUCTURE DAMAGE

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C.E./C.L.E. Hours

**Available** 

To Be Approved

#### Property & Infrastructure Damage | Appraisals

### **ADVANCED APPRAISAL**

Presented by Jon Held

- The Basics of Appraisal Recap
- Detailed Case Law on Appraisal
- Interactive Case Studies on the Key Steps in the Appraisal Process



1 or 2 C.E./ C.L.E. Hours

2 Hours Approved in: CA, FL, GA, IL, MO, MS, NY, OK, PA, TX, WY

#### Property & Infrastructure Damage | Appraisals

### **APPRAISAL OF PROPERTY LOSSES**

Presented by Jon Held

- Case Studies Based on Actual Claims
- How & When to Demand Appraisal
- The Tactical Use of the Appraisal Process to Produce Results
- The Overview of Umpire Selection
- Preparing an Agreement to Appraise
- How to Choose an Appraiser



#### Property & Infrastructure Damage | Catastrophe Response

LESSONS LEARNED FOLLOWING A SEVERE STORM SEASON

- Architecture, Construction & Engineering Management Issues
- Case Study Discussion
- Construction & Facilities Management Preparation Considerations
- Equipment & Facilities Management Issues
- Managing Buildings Properly with Respect to Environmental Concerns
- Reviewing of Problem Areas During 2017 Storm Season



#### Property & Infrastructure Damage | Catastrophe Response

### **STORM DAMAGE REPAIR REQUIREMENTS**

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Defining the Differences Between Repair & Alterations
- The Application & Examples of Building Code Provisions
- Identifying Substantial Structural Damage

To Be Approved

2 C.E./ **C.L.E.** Hours

Approved in: AL, CA, FL, GA, IL, NJ, NY, PA, TX, WY

- The Overview of the Building Code Basics
- Reviewing Critical Definitions & Compliance Methods

Property & Infrastructure Damage | Mechanical, Electrical & Plumbing (MEP)

# THE INNER WORKINGS OF MEP SYSTEM CONSULTING

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Evaluation of Damages
- Examining MEP Systems on Large Commercial Losses
- Overview of Mechanical, Electrical, Plumbing & Sprinkler Systems



Property & Infrastructure Damage | Mechanical, Electrical & Plumbing (MEP) **PLUMBING BASICS FOR ADJUSTERS & ATTORNEYS** With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Principle Parts of a Plumbing System
- How Drainage Systems Work
- How a Clog Can Cause a Backup
- Some Red Flags to Watch Out for Regarding Plumbing Leaks & Backup



Property & Infrastructure Damage | Mechanical, Electrical & Plumbing (MEP) **TECHNOLOGY LOSSES IN BUILDER'S RISK CLAIMS** With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- Typical Technology Risks
- Water Contamination Claims
- Fire/Soot Contamination Claims
- Over Temperature Claims
- Replacement Cost Determinations



#### Property & Infrastructure Damage | Mechanical, Electrical & Plumbing (MEP) THE UPS & DOWNS OF ELEVATORS – WHAT YOU

# NEED TO KNOW TO HANDLE ELEVATOR CLAIMS

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Types of Elevators Hydraulic Versus Traction
- The Types of Elevator Losses
- Typical Methods to Troubleshoot Elevator Problems
- Typical Failure Modes, Damages & Repairs
- The Applicable ASME Elevator Code that Could Trigger Modernization & Upgrades



#### Property & Infrastructure Damage | RCV/ACV Determinations

### **BUILDING VALUATION**

- Application of the Broad Evidence Rule to the Principle of Indemnity
- The Importance of Understanding RCV Minus Physical Deterioration/Depreciation
- Reviewing Actual Cash Value
- How This Seminar is Adaptable to All Construction Types
- Replacement Cost, Functional Replacement Cost & Loss Measurement
   Problems/Issues

# 1 or 2 C.E./ C.L.E. Hours

2 Hours Approved in: FL, TX

#### Property & Infrastructure Damage | Roof Evaluations

NAILING COMPLEX ROOFING ASSESSMENTS

Presented by Dan Parker

- Commercial Roof Types
- Roof Insulations
- Inspection Protocol & Procedures
- Roof Testing & Roofing Labs



1 Hour Approved in: AL, FL, GA, IL, KY, NC, NJ, PA, SC, TX, WY 2 Hours Approved in: AL, FL, GA, IL, KS, MI, MN, MO, NC, NJ, OK, PA, TX, WV

#### Property & Infrastructure Damage | Roof Evaluations

# NAVIGATING THE SLIPPERY SLOPE OF ROOFING ASSESSMENTS

Presented by Dan Parker

- Weather Research, Damage Assessments & Value
- Focus on Differences Between Roof Damage, Defect & Improper Installation Methods
- The Overview of Roofing Systems
- Reviewing Various Types of Roofing Material



Property & Infrastructure Damage | Roof Evaluations

### **ROOFING FRAUD**

- How Wind & Hail Actually Affect a Roof
- How to Identify Manufactured Damage to Mimic Hail or Wind Damage
- How to Uncover Fraudulent Date of Loss Misrepresentation
- Understanding the 'Science' Behind Hail & Wind Reports



#### Property & Infrastructure Damage | Water Intrusion Investigations

# DON'T BE WET BEHIND THE EARS: WHAT YOU NEED TO KNOW ABOUT WATER MITIGATION

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Key Industry Standard & Certifications
- How to Evaluate Water Damage
- The Importance of a Science-based Categorization of Water Damage
- The Differentiator of Hiring True Mitigation Experts Displayed Via a Case Study





1 Hour Approved in: AL, CA, CO, GA, IN, OK, PA, TX, WY

2 Hours Approved in: AL, CA, FL, GA, IL, OK, PA, TX, WY

### Property & Infrastructure Damage | Water Intrusion Investigations THE DOS, THE DON'TS, & THE I DON'T KNOWS OF WATER RESTORATION

Presented by Rachel Adams

- Discuss Proper & Effective Building Drying
- Handling Negotiations with Restoration Companies
- Invoice Review
- Progress of Work Monitoring
- Reviewing Various Water Mitigation Methods Used in Restoration



Approved in: AL, CA, FL, GA, IL, NJ, NY, PA, TX, WY

#### Property & Infrastructure Damage | Water Intrusion Investigations

# PITFALLS OF FLOODING & WATER RESTORATION METHODS

Presented by Rachel Adams

- Assessment of Water Damage
- Identify Various Water Mitigation Methods Used in Restoration
- Invoice Review
- Progress of Work Monitoring & Reporting
- Restoration Standards & Guidance
- Reviewing Drying Methods & Equipment



AL, FL, GA

Property & Infrastructure Damage | Water Intrusion Investigations

# WATER DAMAGE INVESTIGATIONS USING INFRARED THERMOGRAPHY

Presented by Michelle Feduccia

- Application to Claims
- Discuss the Importance of Subject Matter Knowledge (e.g., Construction, Electrical, Etc.)
- Identify Inappropriate Uses & Abuses
- Reviewing Infrared Technology Advantages & Limitations
- Reviewing the Guidelines & Standards

#### Property & Infrastructure Damage | Water Intrusion Investigations

### WATERPROOFING - BUILDING ENVELOPE ISSUES

With 90-Day Notice, C.E./C.L.E. Credit Can Be Approved in Your State

- The Sources of Moisture Intrusion
- The Difference Between Water Resistance & Waterproofing
- Waterproofing Methods & Strategies



C.L.E. Hour

#### To Be Approved

# Are you looking for a course but do not see it listed?

Email **RESOURCES@JSHELD.COM** with an overview of your training needs and we will work on developing a new class just for you.



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