COURSE CATALOG
## CERTIFICATION PREP

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## SAFETY MANAGEMENT

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CERTIFICATION PREP

001_Math Review for Certification Exams

Description: This course provides an intensive overview of the mathematics that are presented on certification exams. You will become familiar with the types of math required and have opportunities to practice solving challenging math questions.

Learning Objectives:
- Operate a scientific calculator
- Perform SI and English conversions of mass, length and time
- Perform multi-step conversions (e.g., converting miles per hour to feet per second, pounds to micrograms)
- Perform number manipulation (e.g., exponents, scientific notation, significant digits, answer accuracy and rounding, and logarithms)
- Calculate the area, circumference and volume of rectangles, triangles, circles, trapezoids, cubes and cylinders
- Graph two-dimensional linear, exponential, trigonometric and logarithmic functions
- Understand algebraic laws, concepts and word problems
- Figure right angles, trigonometry functions and word problems

Level: Beginner
Track: Cert Prep
Length: 1 day
CEUs: 0.7
Instructor(s): Langlois Weigand & Associates Inc.
Date(s): Friday, January 25, 2019

002_ASP Exam Prep Course

Description: Prepare for the associate safety professional (ASP) examination required for ASP certification. You will hear lectures, solve sample problems and discuss various essential OSH topics.

Learning Objectives:
- Recognize OSH hazards
- Measure, evaluate and control OSH hazards
- Develop and conduct OSH training
- Recognize business principles, practices and metrics
- Understand BCSP certification requirements and scoring procedures
- Prepare for testing
- Identify topic areas where additional preparation is needed

Level: Intermediate
Track: Cert Prep

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003_CSP Exam Prep Course

Description: Prepare for the certified safety professional (CSP) examination required for CSP certification. You will hear lectures, solve sample problems and discuss various essential OSH topics.

Learning Objectives:
- Apply concepts of probability, statistics and basic sciences
- Utilize engineering concepts for OSH, occupational health and fire protection
- Apply management principles, ergonomic analysis, and risk management
- Calculate workers’ compensation
- Identify legal and regulatory issues in OSH and security

Level: Advanced
Track: Cert Prep
Length: 3 days
CEUs: 2.1
Instructor(s): Langlois Weigand & Associates Inc.
Date(s): Saturday, January 26 – Monday, January 28, 2019

004_STS Exam Prep Course

Description: Prepare for the safety trained supervisor (STS) examination. We cover adult learning principles and strategy, introduce the STS certification process, review the exam blueprint and discuss content covered in the exam’s major categories. In addition, you will complete sample questions so that you can teach this content to other candidates.

Learning Objectives:
- Teach and respond to questions on OSHA, recordkeeping and multi-employer work sites
- Understand the principles of incident investigation, fall protection, hand/power tools, stairways and ladders, hazard communication, personal protective equipment, respirators, confined spaces, cranes, derricks, hoists, excavations and fire protection
- Identify the elements of the STS code of ethics

Level: Advanced
Track: Cert Prep
Length: 2 days
CEUs: 1.4
Instructor(s): TBD
Date(s): Saturday, January 26 – Sunday, January 27, 2019
005_CET Exam Prep Course

Description: The certified environmental, safety and health trainer (CET) designation is designed for those with experience and expertise in developing, designing and delivering OSH training. The course is based on the minimum competencies outlined in two national consensus standards: ANSI/ASSP Z490.1, Criteria for Accepted Practices in Safety, Health and Environmental Training, and International Board for Standards for Training, Performance and Instruction (IBSTPI) Instructor, Instructional Design and Training Manager Competencies.

Learning Objectives:
- Demonstrate effective communication and interpersonal skills
- Assess training needs
- Design and develop training courses
- Design student performance evaluation instruments
- Develop administrative and management plans for individual courses
- Implement training
- Conduct program evaluations of training and apply results

Level: Advanced
Track: Cert Prep
Length: 3 days
CEUs: 2.1
Instructor(s): TBD
Date(s): Saturday, January 26 – Monday, January 28, 2019

006_SMS Exam Prep Course

Description: The safety management specialist (SMS) certification is intended for dedicated safety practitioners with 10 years of OSH experience, with or without a college degree. This course prepares you for the SMS certification exam. We cover the exam’s five domains and enforce concepts through lecture, activities and practice questions.

Learning Objectives:
- Examine the SMS domain areas and form the foundation of knowledge and skills required for SMS certification
- Practice valuable success strategies for passing the SMS exam
- Recognize OSH management system concepts including key performance indicators, goal setting and prioritization, and safety training needs assessment
- Identify risk management concepts such as hazard prevention and control, job hazard analysis versus risk assessment methods, prevention through design, liability, insurance and risk reduction through the hierarchy of controls
- Address physical, chemical, ergonomics and workplace safety issues to recognize and control those stressors
- Apply incident investigation and emergency preparedness concepts to calculate incident and injury rates

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• Effectively communicate business impact of safety issues to upper management using tools such as
cost/benefit analysis, cost indicators, budgeting, multi-employer work sites, safety committees and
risk management

Level: Advanced
Track: Cert Prep
Length: 3 days
CEUs: 2.1
Instructor(s): Pamela Murcell, CIH
Date(s): Saturday, January 26 – Monday, January 28, 2019

007_CHST Exam Prep Course
Description: This course provides a detailed review of material included on the blueprint for the
congestion health and safety technician (CHST) examination. You will review sample questions during
class and receive additional quizzes to take home.

Learning Objectives:
• Manage and administer a safety program
• Identify safety management systems, including ISO and ANSI standards
• Use hazard recognition, evaluation and control techniques
• Manage regulatory inspections
• Conduct training and orientation
• Communicate hazards (including GHS)
• Conduct job-site inspections and audits
• Prepare a job hazard analysis/pre-job plan
• Investigate incidents
• Understand recordkeeping requirements

Level: Intermediate
Track: Cert Prep
Length: 3 days
CEUs: 2.1
Instructor(s): Steven P Pereira, CSP
Date(s): Tuesday, January 29 – Thursday, January 31, 2019

008_OHST Exam Prep Course
Description: Prepare for the occupational hygiene and safety technician (OHST) certification examination.
We provide a list of recommended resources available to continue your preparation for the exam and
review content information via a testing format.

Learning Objectives:
• Create work-site assessments to determine risks, potential hazards and controls
• Evaluate risks and hazard controls
• Investigate incidents

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• Maintain and evaluate incident and loss records
• Prepare emergency response plans

**Level:** Advanced  
**Track:** Cert Prep  
**Length:** 3 days  
**CEUs:** 2.1  
**Instructor(s):** TBD  
**Date(s):** Saturday, January 26 – Monday, January 28, 2019

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**009 CHMM Exam Prep Course**

**Description:** Prepare for the exam leading to the certified hazardous materials manager (CHMM) certification. We cover the exam blueprint and review study and testing techniques to best prepare you to pass the exam. You will hear lectures, solve sample problems and discuss subjects contained in the exam blueprint.

**Learning Objectives:**
• Recognize, identify and characterize hazards of materials  
• Assess risks related to hazardous materials  
• Mitigate and/or eliminate hazards of materials  
• Manage impact of hazardous materials on human health  
• Ensure regulatory compliance  
• Manage hazardous materials

**Level:** Intermediate  
**Track:** Cert Prep  
**Length:** 3 days  
**CEUs:** 2.1  
**Instructor(s):** TBD  
**Date(s):** Tuesday, January 29 – Thursday, January 31, 2019
Safety Management

010_Safety Management I

**Description:** Through examples, case studies and other resources, we provide a foundation of fundamental elements and techniques for managing an effective safety management system.

**Learning Objectives:**
- Use proven techniques to establish accountability for safety efforts
- Identify the elements of a safety management system, and gain strategies for implementing them
- Write effective policy statements and performance standards to help the management team execute its safety responsibilities
- Promote safety to various levels in the organization
- Understand the moral, financial and legal responsibilities of today’s safety professional
- Create strategies to control workers’ compensation costs
- Budget for a safety management effort

**Level:** Beginner  
**Track:** Safety Management  
**Length:** 3 days  
**CEUs:** 2.1  
**Instructor(s):** Joel N Tietjens, CSP, CSHM; James “Skipper” Kendrick, CSP  
**Date(s):** Thursday, January 24 – Saturday, January 26, 2019

011_Safety Management II

**Description:** A continuation of Safety Management I, we help you begin to take steps to implement a safety management system within your organizations, and practice techniques to measure its effectiveness. This course is also ideal if you are seeking to strengthen an existing safety management system.

**Learning Objectives:**
- Review various types of safety management systems, and evaluate their application to the safety function
- Practice various methods for assessing the performance of a safety management system
- Consider various leading metrics and determine how they may benefit your organization
- Improve safety performance through effective leadership, communication, training and ethical behavior

**Level:** Beginner  
**Track:** Safety Management  
**Length:** 2 days  
**CEUs:** 1.4  
**Instructor(s):** Joel N Tietjens, CSP, CSHM; James “Skipper” Kendrick, CSP  
**Date(s):** Sunday, January 27 – Monday, January 28, 2019
012_Corporate Safety Management

Description: We provide a forum to share challenges, craft solutions and apply the skills needed to successfully position safety in your organization. You will learn primarily through role-play situations and thought-provoking exercises.

Learning Objectives:
- Develop a safety management system to support your organization’s strategic and business goals
- Effectively assess and measure your organization’s safety performance
- Explore the influence of corporate culture and be able to effect changes that will make the organization more receptive to OSH efforts
- Analyze appropriate adjustments to the safety effort in response to corporate mergers, downsizing, rightsizing and reorganizing
- Accurately position the safety function within the corporate structure
- Discuss how to effectively conduct industry safety networking and benchmarking
- Practice effective business and negotiation skills needed for success in a corporate environment
- Evaluate and practice personal leadership skills for growth and development
- Analyze key initiatives for creating high-impact safety performance
- Define and discuss best practices for safety performance enhancement

Level: Beginner
Track: Safety Management
Length: 3 days
CEUs: 2.1
Instructor(s): Samuel J Gualardo, CSP; James Boretti, CSP
Date(s): Tuesday, January 29 – Thursday, January 31, 2019

013_Advanced Safety Management Methods

Description: Safety management no longer is a compliance-driven approach to systems, best practice thinking and concepts. This contemporary approach to safety is influencing the way safety professionals deliver guidance and direction to their organizations. Whether you are an executive-level experienced safety professional or an up-and-coming safety professional, this course will help you develop the knowledge and tools you need to greatly improve safety performance in your organization.

Learning Objectives:
- Manage organizational safety by applying methods established by recognized and respected contemporary management innovators, behavioral scientists, and great leaders in organizations and safety
- Provide another dimension to OSH management in your organization by applying strategy and techniques focused on risk, business and the reality of human performance
- Deliver safety leadership that will build a connection with senior leaders and inspire workers to perform the best safety practices

Level: Advanced
Track: Safety Management
Length: 3 days
CEUs: 2.1
014_Influential Leadership Skills

**Description:** Safety has evolved from a function that provides only technical expertise to one that provides leadership at all levels of an organization. Today’s safety professional must influence executive management through effective guidance and direction. Whether you are an executive-level experienced safety professional or an up-and-coming safety professional, this course will help you learn the principles of leadership, strategic thinking and planning, discuss techniques for influencing executive, middle and line management, review expected ethical behavior, and understand how to select the best management model to improve your organization’s safety performance.

**Learning Objectives:**
- Lead organizational safety by applying the principles of leadership, participating in strategic thinking and planning, and determining the OSH model that would most benefit your organization
- Exhibit the unique traits of successful leaders to inspire and influence workers to improve safety performance
- Strengthen the connection to your executive, middle and line leaders
- Introduce new concepts in OSH management and leadership to your organization

**Level:** Advanced  
**Track:** Safety Management  
**Length:** 2 days  
**CEUs:** 1.4  
**Instructor(s):** James “Skipper” Kendrick, CSP  
**Date(s):** Tuesday, January 29 – Wednesday, January 30, 2019

015_Business Continuity Planning

**Description:** Business continuity planning is a process that aims to safeguard employees, on-site contractors, visitors and surrounding communities during a disaster, and to ensure prompt recovery of critical business processes and systems to protect customers and other users of an organizations’ products and services. It encompasses three phases: planning, activation and recovery. We focus specifically on the planning and activation phases and cover options for needs assessments, preparing plans, organizing the team(s), practice and assessment, and event management and communication.

**Learning Objectives:**
- Identify the elements of a business continuity program and understand the need for concise, up-to-date documentation
- Develop and outline program elements appropriate to your organization
- Use techniques to engage employees and generate participation
- Practice communication skills appropriate for crisis situations
- Realize the value and limitations of business continuity planning

**Level:** Intermediate  
**Track:** Safety Management  
**Length:** 1 day
CEUs: 0.7
Instructor(s): Alan J. Leibowitz, CSP
Date(s): Thursday, January 31, 2019

016_Creating a Business Case for OSH Initiatives in Your Organization (BYOL)
Description: We cover the processes, tools and skills you need to effectively identify, measure and communicate the business value of OSH initiatives. You will learn to use tools developed over the last 20 years and proven in practice to develop an actual business case. Be sure to bring your laptop to get the most from this interactive course.

Learning Objectives:
- View OSH from a business management perspective
- Prioritize OSH initiatives and align them to business objectives and risks
- Create good problem statements and SMART objectives
- Plan and develop OSH initiatives
- Evaluate the financial and non-financial aspects of OSH initiatives
- Present a business case to leaders

Level: Advanced
Track: Safety Management
Length: 2 days
CEUs: 1.4
Instructor(s): David E. Downs, CSP, CIH, CPEA; William L. Heim, CSP, CIH
Date(s): Saturday, January 26 – Sunday, January 27, 2019

017_Lean Six Sigma Tools for Safety Professionals (BYOL)
Description: We introduce lean six sigma tools that you can apply to existing OSH programs and projects. You will learn how to use these tools as a framework to develop OSH management programs.

Learning Objectives:
- Use appropriate terminology and lean six sigma tools to implement OSH improvement programs
- Utilize lean six sigma tools for existing operations and process improvements
- Effectively implement lean six sigma techniques
- Evaluate and prioritize risk and analyze risk reduction case studies
- Utilize operational excellence methodology
- Identify operational value factors used to support business decisions
- Align health and safety interventions with business goals and objectives
- Use an applications program supporting lean six sigma OSH analysis

Level: Advanced
Track: Safety Management
Length: 1 day
CEUs: 0.7
Instructor(s): Georgi Popov, Ph.D., QEP
Date(s): Monday, January 28, 2019
018_ROI for Safety

**Description:** Organizations have many priorities and limited resources, forcing managers to constantly validate the benefits of investments in OSH equipment, technology, staffing and programs. Ultimately, safety professionals must identify, justify and advocate for initiatives that will produce the greatest risk reduction for the investment. We examine the various techniques you can use to secure enough resources to mitigate OSH risks.

**Learning Objectives:**
- Recognize the business drivers in planning safety and health investment strategies
- Quantify and present the benefits and costs of OSH expenditures
- Evaluate existing models for analyzing OSH investment strategies

**Level:** Intermediate
**Track:** Safety Management
**Length:** 1 day
**CEUs:** 0.7
**Instructor(s):** Thomas F. Cecich, CSP, CIH
**Date(s):** Tuesday, January 29, 2019

019_Workers’ Compensation for the Safety Professional

**Description:** Workers’ compensation is a major expense for an organization, yet few safety professionals understand the direct relationship between worker injuries and workers’ compensation insurance costs. We explore how the ultimate cost of workers’ compensation insurance is determined by the type of plan, the employer’s short- and long-term loss experience, and the care with which an organization audits how the premium is computed. You will learn about the impact of experience modification, retrospective rating plans, payroll classification and audit tips, explore how problem claims are identified, discuss return to work strategies, and review other opportunities to produce measurable cost reductions.

**Learning Objectives:**
- Discuss the coverage provided by workers’ compensation insurance
- Make the workers’ compensation rating system work for your organization
- Identify primary sources of your organization’s own loss experience and target safety efforts toward these loss sources
- Return injured employees to productive work quickly
- Aggressively manage claims to control medical and indemnity cost
- Allocate workers’ compensation costs to business units

**Level:** Intermediate
**Track:** Safety Management
**Length:** 1 day
**CEUs:** 0.7
**Instructor(s):** Philip Goldsmith, CSP, ARM
**Date(s):** Wednesday, January 30, 2019
020_The OOPs and OWW of OSH

**Description:** Discover the "OOPs" (Organizational Opportunities Preventing Safety) and "OWW" (Organizational Worries and Woes) presented from a perspective of human performance and error reduction. You will practice using various tools and techniques to identify and counteract potentials for OOPS and OWW.

**Learning Objectives:**
- Develop a clear understanding of errors and error precursors
- Understand the importance of performance mode
- Develop tools to identify and enhance mode performance
- Identify and understand various tools that can be used to counter factors leading to OOPS and OWW

**Level:** Intermediate  
**Track:** Safety Management  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** James "Skipper" Kendrick, CSP  
**Date(s):** Thursday, January 31, 2019

021_Safeguarding Employees Who Work Alone

**Description:** Most modern organizations have employees who work alone, without readily available assistance, or who travel by themselves, without routine interaction with the public. While OSHA regulates many activities that cannot be performed alone, no current OSHA or U.S. consensus standard addresses safeguarding lone employees, although other countries, notably Canada, have lone worker laws. You will perform a risk analysis, explore OSHA’s expectations, and identify laws of other countries to help develop an effective system for safeguarding your employees.

**Learning Objectives:**
- Identify those employees who face a risk of working alone
- Develop and implement a management system to safeguard those who work alone
- Select an appropriate level of monitoring for those employees who work alone

**Level:** Beginner  
**Track:** Safety Management  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** David F. Coble, CSP  
**Date(s):** Saturday, January 26, 2019

022_Hazard Recognition for the Field Employee

**Description:** Workers in the field need effective hazard recognition tools to identify both conditions and practices that present unacceptable risk. In the multi-layered approach to hazard recognition, the first layer is to plan jobs and tasks with tools such as work permits and pre-job task analysis. The second layer includes...
formal hazard assessments such as job safety analysis, safety huddles and walk arounds. The third layer includes final safety checks, such as looking for differences, looking for out-of-plain-view hazards, and inspecting the tools and equipment that will be used.

**Learning Objectives:**
- Develop effective techniques for each layer of hazard recognition: planning, formal assessments and final safety checks
- Improve field employees' ability to identify both at-risk conditions and potential risky actions before the task or job starts
- Teach employees up to 80 different signs that indicate a higher incident potential

**Level:** Beginner  
**Track:** Safety Management  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** David F. Coble, CSP  
**Date(s):** Sunday, January 27, 2019

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**023_ANSI/ASSP Z16: Modern Metrics for the Safety Professional**

**Description:** The OSH profession has long been hindered by one-dimensional metrics like incident and lost-time accident rates. While the addition of severity rates and DART rates has improved these metrics, they still suffer from the same problems: abstract numbers that can be meaningless to upper management and a narrow scope of what is being measured.

The new ANSI/ASSP Z16 standards will expand the metrics OSH professionals can use to measure the effectiveness of their efforts and report those outcomes to management. The standards will serve a range of functions from informing use of traditional metrics, providing predictive metrics, measuring more than injuries/illnesses and incorporating dollars into the metric formula.

**Learning Objectives:**
- Apply traditional lagging indicators, such as incident rates and lost-time accident rates, in a manner that fits with the organization’s business plans
- Select leading indicators that will be useful in preventing loss as well as applying such indicators toward building a safety culture and measuring management accountability for safety
- Expand the types of metrics being used to measure safety performance
- Track losses beyond direct costs
- Convert measurement of loss into financial terms

**Level:** Intermediate  
**Track:** Safety Management  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** C. Gary Lopez, M.S., CSP  
**Date(s):** Tuesday, January 29, 2019
024_Analytics for Safety: A New Approach to Performance Measurement

**Description:** Organizations have long used data analysis to drive improved performance. However, the quality of data now being accumulated and the speed at which data are being reported enables organizations to gain valuable insights to improve their overall performance. We explore data points that drive success from an OSH perspective, and how this information can lead to continuous improvement in critical areas such as workplace incidents and injuries, absenteeism and productivity.

**Learning Objectives:**
- Determine how leading indicators can be used to drive improved outcomes
- Analyze key success factors to drive system and process change
- Review how analytics are being deployed to improve safety performance
- Implement different learning tools to support engagement and implementation

**Level:** Advanced  
**Track:** Safety Management  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Todd R. Hohn, CSP  
**Date(s):** Wednesday, January 30, 2019

025_Incident Exploration: Using Critical Analysis to Improve Safety Culture

**Description:** Take a deep dive into several case studies and explore some watershed incidents in this ½-day interactive session. Analyze each scenario from the safety perspective and discover the hidden elements that may link them together to enhance your organizations’ safety culture.

**Learning Objectives:**
- Discuss how a safety professional fits within the complex decision-making of high risk situations
- Find commonalities between different incidents
- Identify how you may impact company culture to improve safety awareness

**Level:** Intermediate  
**Track:** Safety Management  
**Length:** 4 hours  
**CEUs:** 0.4  
**Instructor(s):** Joel Haight, Ph.D., P.E., CSP  
**Date(s):** Thursday, January 31, 2019, 8:00 AM – 12:00 PM

026_Safety and Technology

**Description:** Some of the current OSH risks did not exist 20 years ago; some didn’t exist last week! The safety profession is affected by rapid technological advances, so prepare to “geek out” while learning about and discussing the implications of: interactive checklists, smart devices, wearable sensor technology, big data management, machine learning, artificial intelligence (AI), infrared (IR) cameras, “smart” PPE, 3D printing, holographic training, robotics, drones, and more.

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Learning Objectives:
• Discover the new technology that could disrupt or assist safety activities
• Use technology to assist in hazard identification and checklists
• Discuss the implications of technology on safety in the workplace
• Develop a plan to prepare for the challenges created by emerging technology

Level: Advanced
Track: Safety Management
Length: 4 hours
CEUs: 0.4
Instructor(s): Georgi Popov, Ph.D., QEP
Date(s): Thursday, January 31, 2019, 12:30 PM – 4:30 PM

027_Employment Law for Safety Professionals
Description: We explore the key employment law issues that affect today’s safety professional. You will learn to identify and manage risks associated with employee rights under the OSH Act, the Americans With Disabilities Act, workers’ compensation (retaliation and bad faith), Family Medical Leave Act, Genetic Information Nondiscrimination Act, Age Discrimination in Employment Act, and various torts related to managing safety and security. We also provide strategic guidance on issues such as attorney-client privilege and interacting with internal and external legal counsel.

Learning Objectives:
• Critically examine safety-related employment practices (e.g., employee physicals, managing workers’ comp claims, conducting investigations) and identify associated legal risks and exposures
• Strategically prescribe proactive measures to minimize liabilities
• Effectively communicate with internal and external legal counsel when safety-related employment law issues and disputes arise

Level: Intermediate
Track: Safety Management
Length: 1 day
CEUs: 0.7
Instructor(s): Barry S. Spurlock, CSP
Date(s): Sunday, January 27, 2019

028_Process Safety: An Introduction to OSHA’s Process Safety Management Standard
Description: We introduce OSHA’s Process Safety Management (PSM) standard (29 CFR 1910.119) and EPA’s Risk Management Plan (RMP; 40 CFR Part 68). You will learn to determine whether a process is a covered process under either rule; discuss PSM/RMP management system functionality; and learn how to tackle compliance with the 14 PSM elements, and the RMP requirements (e.g., program level, management system, off-site consequence analysis, RMP submission). In addition, we review what a performance-oriented OSHA standard is, and how to adopt and apply recognized and generally accepted good
engineering practices (RAGAGEPs) to the design, construction, operation and maintenance of your organization’s covered process(s).

**Learning Objectives:**
- Review the 14 elements of OSHA’s PSM standard
- Apply OSHA’s PSM standard and EPA’s RMP rule
- Utilize RAGAGEPs

**Level:** Intermediate  
**Track:** Safety Management  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Bryan T. Haywood  
**Date(s):** Tuesday, January 29, 2019

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**029_JHA Workshop**

**Description:** An effective job hazard analysis (JHA) requires more than just observation to determine a job’s risks. You will learn best practices for task analysis, documentation and benchmarking to appropriate standards. You will also practice conducting pre-task research, interviewing techniques, photo/video/e-documentation and technical analysis to determine whether the work is safe and to evaluate potential solutions.

**Learning Objectives:**
- Break down a task into its component steps
- Identify hazards and risks for each job component
- Determine precautions to address a job’s hazards and risks
- Successfully apply NIOSH’s recommended weight limits
- Incorporate JHAs into safety management systems

**Level:** Intermediate  
**Track:** Safety Management  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Todd R. Hohn, CSP  
**Date(s):** Thursday, January 31, 2019

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**030_Applied Industrial Hygiene for the Safety Professional**

**Description:** We present industrial hygiene principles for safety professionals with little or no experience in the topic area. You will apply industrial hygiene concepts using a hands-on approach to evaluate and control workplace health stressors. You will use industrial hygiene sampling equipment to quantitatively assess real-world workplace scenarios in order to anticipate, recognize, evaluate and control of health stresses. You will also learn about emerging industrial hygiene issues including silica, combustible dust, nanotechnology and influenza.
Learning Objectives:
• Define industrial hygiene and regulatory and consensus standards applicable to workplace environmental concerns
• Apply basic toxicological principles
• Evaluate airborne exposures to chemicals and particulates through air sampling techniques, and understand how to control these exposures with ventilation and respiratory protection
• Practice basic evaluation and control methods for physical stresses in the workplace, including thermal stressors and noise
• Discuss biological hazards for certain occupational settings, including assessment and control of indoor air quality issues
• Demonstrate skills learned through hands-on laboratory sessions on noise, air sampling and ventilation assessment

Level: Beginner
Track: Safety Management
Length: 2 days
CEUs: 1.4
Instructor(s): Paul Zoubek, CSP, CIH, SMS
Date(s): Saturday, January 26 – Sunday, January 27, 2019

031 Assessing Your Organization and Applying the Total Worker Health Model
Description: Preventing injuries is always the goal, but how can that be accomplished given a workforce that is aging and has complex health issues, along with work-related injuries? NIOSH’s Total Worker Health (TWH) model can help refocus injury prevention efforts. The idea is to consider how the workplace environment can both reduce safety risks and enhance overall worker well-being. You will build the skills needed to assess your organization based on the five elements of TWH model, identify areas for improvement, then develop a targeted action plan.

Learning Objectives:
• Identify the five elements of the TWH model
• Discuss why the model works to reduce work-related injuries and enhance worker well-being
• Determine what aspects of your current safety efforts embody the TWH approach
• Recognize initial steps to help your organization improve its TWH
• Develop an action plan based on your needs assessment and the available resources

Level: Intermediate
Track: Safety Management
Length: 1 day
CEUs: 0.7
Instructor(s): Deborah R. Roy, RN, CSP, COHN-S, CET
Date(s): Monday, January 28, 2019
032_Beyond Compliance: A Healthier Workplace Makes for a Safer Workplace

Description: Most contemporary workplace health protection programs (i.e., safety) are separated from workplace health promotion programs (i.e., wellness). The two are often housed in distinct organizational divisions, and the programs are usually administered as distinct, separate activities, with minimal attempts at integration. This prevents optimal resource utilization and impedes efforts to maximize workers' overall health and productivity.

Learning Objectives:
- Identify the key issues facing employees due to the changing workforce dynamics
- Learn from how other organizations have successfully integrated safety and health and its impact on workplace injuries
- Discuss best practices to promote a safer, healthier workplace
- Learn techniques to change management's perception of safety and health from a cost center to a key to profitable growth

Level: Advanced
Track: Safety Management
Length: 1 day
CEUs: 0.7
Instructor(s): Todd R. Hohn, CSP
Date(s): Tuesday, January 29, 2019

033_The Four Core Components of Safety Excellence

Description: Organizations that have achieved world-class excellence in safety often have four commonalities: 1) a comprehensive safety strategy; 2) a coaching-focused management and supervisory style; 3) good employee engagement; and 4) direct measures to shape the safety culture. This course explores each component, defining the steps necessary to accomplish each, and offering case studies from organizations that have been successful in one or all components.

Learning Objectives:
- Examine existing safety efforts that these four opportunities can improve
- Transform leadership thinking from programmatic to strategic
- Demonstrate the power of coaching in achieving continuous improvement in safety
- Show how safety culture can be improved incrementally
- Explore the three levels of employee engagement and show how to accomplish any or all of them

Level: Advanced
Track: Safety Management
Length: 1 day
CEUs: 0.7
Instructor(s): Terry Mathis
Date(s): Wednesday, January 30, 2019
034_Strategic Skills for Improving and Maintaining Safety Performance

*Description:* This course is specifically designed for professionals, managers and executives charged with creating, implementing and validating strategic plans for improving organizational safety performance. Improving safety performance requires valuable resources: time, money and people. Being strategic optimizes both the chance of success and the efficient utilization of those resources.

*Learning Objectives:*
- Test the execution of the current safety plan and identify disablers or issues that may be holding the organization back
- Define success and key elements
- Create a forward-focused and strategic safety journey plan
- Practice Socratic questioning and critical thinking processes
- Determine appropriate pace and direction of safety journey plan
- Gain alignment vertically and horizontally across the organization
- Validate organizational embracement and execution of the plan

*Level:* Advanced  
*Track:* Safety Management  
*Length:* 1 day  
*CEUs:* 0.7  
*Instructor(s):* Jack Toellner, P.E., CSP  
*Date(s):* Thursday, January 31, 2019
Global / International

035_Managing Safety and Health
Description: We cover the basic needs of managing safety and health with a global perspective and help you analyze the best practices of global leaders in OSH management. Through discussion, case studies and activities, you will explore the various methods to implement, manage and measure a successful global OSH program within your organization.

Learning Objectives:
- Design, implement and manage a leading safety and health process
- Apply global best practices to identify and reduce safety risks
- Evaluate the impact of OSH risks
- Integrate safety and health processes into business functions
- Develop measurement systems to achieve optimal OSH performance

Level: Intermediate
Track: Global/International
Length: 2 days
CEUs: 1.4
Instructor(s): Kathy A. Seabrook, CSP, CFIOSH, EurOSHM
Date(s): Saturday, January 26 – Sunday, January 27, 2019

036_Implementing a Safety and Health Management System
Description: We examine different safety management systems to identify the most appropriate system for your organization, with a focus on those systems that are applicable to global organizations.

Learning Objectives:
- Analyze systems applicable to OSH
- Select the most appropriate system for your organization's needs
- Implement a safety management system

Level: Intermediate
Track: Global/International
Length: 1 day
CEUs: 0.7
Instructor(s): Kathy A. Seabrook, CSP, CFIOSH, EurOSHM
Date(s): Monday, January 28, 2019

037_International Standards and Legal Requirements for Safety Management
Description: We explore the regulations, standards and legislation that pertain to OSH in your country. You will work with case studies to analyze the impact of the legal requirements in various regions of the world.
Learning Objectives:
- Recognize applicable statutes, regulations and industry standards
- Identify and follow international legal requirements
- Identify international laws for OSH management
- Navigate legal requirements to mitigate risk

Level: Intermediate  
Track: Global/International  
Length: 1 day  
CEUs: 0.7  
Instructor(s): Kathy A. Seabrook, CSP, CFIOSH, EurOSH  
Date(s): Tuesday, January 29, 2019

038 _Cultural Competency Strategies_

Description: In our globally connected workplace, understanding the different cultures with which we interact affects our ability to lead, manage and work, as well as influence corporate culture relative to safety. In this interactive course, you will explore how cultures get business done and how you can work most effectively with international counterparts. You will also learn the spoken and unspoken rules of business in different parts of the world, discuss how to create buy-in for corporate policies throughout your global organization, and review strategies for creating a high-functioning global team.

Learning Objectives:
- Identify cultural norms (business, societal, personal) from various regions of the world
- Transact global business effectively, with limited misunderstanding and social faux pas to achieve intended results
- Transfer corporate culture, including expectations for safety, throughout your organization’s global operations
- Use recognized strategies for adapting policies, practices, norms, and behaviors to the customs and protocols around the globe

Level: Intermediate  
Track: Global/International  
Length: 1 day  
CEUs: 0.7  
Instructor(s): Kathy A. Seabrook, CSP, CFIOSH, EurOSH  
Date(s): Wednesday, January 30, 2019

039 _Working Abroad: Far, Far Away But Not Forgotten_

Description: How you can keep yourself and your staff safe and healthy while working abroad? As a safety professional, you may consider working abroad or need to travel internationally frequently. In addition, your organization may have employees who work or travel abroad, and it is your responsibility to develop a plan to keep them safe. As opportunities to work outside our countries increase, OSH professionals need to know and understand several concepts to truly embrace safety without borders.

Learning Objectives:
- Recognize your duty of care for employees who work or travel abroad
• Discuss and examine the hazards and risks of global travel
• Apply the components of a good travel management program

**Level:** Intermediate  
**Track:** Global/International  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Eldeen E. Pozniak, CRSP, CMIOSH  
**Date(s):** Thursday, January 31, 2019
Risk

040_Manage Risk, Not Safety
Description: We aim to help you modernize how you manage risk in your organization using a risk managed approach versus traditional regulatory management. You will practice using different metrics to measure success, use the systems management approach and explore the expanded risk universe, including areas such as insurance and security.

Learning Objectives:
- Shape your role as a manager of risk
- Select and use new metrics for risk management
- Define the concepts of risk and loss
- Apply a systems management approach to more effectively manage risk
- Create development cycles for business planning

Level: Advanced
Track: Risk
Length: 1 day
CEUs: 0.7
Instructor(s): C. Gary Lopez, M.S., CSP
Date(s): Saturday, January 26, 2019

041_Risk Assessment Course (Section 1)
Description: Risk assessment is a dynamic process that enables safety professionals to proactively manage workplace risks. An effective risk assessment helps an OSH professional identify potential hazards that may not have been found another way and implement preventive measures. We cover three main areas of a risk assessment: hazard identification, risk analysis and risk evaluation.

Learning Objectives:
- Implement the steps of the risk assessment process
- Conduct a risk assessment leading to the identification and prioritization of your organization’s hazards and controls
- Influence management to support risk reduction plans and efforts
- Measure the effectiveness of the risk assessment process and outcomes to support your organization’s objectives

Level: Intermediate
Track: Risk
Length: 3 days
CEUs: 2.1
Instructor(s): Paul Esposito, CSP, CIH
Date(s): Sunday, January 27 – Tuesday, January 29, 2019
042_Risk-Based Incident Analysis

Description: Learn to take incident analysis beyond the individual incident to categorize and organize incident trends and identify areas of common weakness. When incorporated into incident analysis, risk-centric concepts such as hazard and energy classification, and the hierarchy of controls, can yield valuable insights into common weakness in your management system and risk assessment methodology.

Learning Objectives:
- Identify what risk-based data can be most impactful in identifying cause factors and root causes
- Standardize a methodology to determine immediate, corrective and preventive actions
- Trend meaningful incident data, over time, to yield management system and risk assessment weaknesses and improvement initiatives
- Qualify your data to generate serious and fatal incident rates
- Quantify data input and output for strategic leading metrics

Level: Intermediate
Track: Risk
Length: 1 day
CEUs: 0.7
Instructor(s): Paul Esposito, CSP, CIH
Date(s): Wednesday, January 30, 2019

043_Risk Management for the Safety Professional

Description: Risk management is a critical part of every organization’s management processes. Following sound risk management principles can propel progress toward safety goals. We help you understand the risk management process and better integrate safety programs with your organization’s risk management function. In addition, you will become familiar with the financial and operational tools that help align safety with organizational goals and objectives.

Learning Objectives:
- Prioritize your organization’s pre-loss and post-loss objectives
- Identify and analyze liability, property, and net income exposures and their impact
- Describe the link between incidents/loss experience and the cost of insurance, retention and risk transfer mechanisms
- Apply the risk management process to tactical and strategic issues

Level: Intermediate
Track: Risk
Length: 1 day
CEUs: 0.7
Instructor(s): Philip Goldsmith, CSP, ARM
Date(s): Thursday, January 31, 2019
044_Practical Application: Improve Decision Making & Risk Management

Description: The most successful businesses are those that effectively manage their risks by making the best decisions when faced with multiple, often competing, alternatives. Organizations who consistently apply risk concepts embedded in their safety management systems are likely to see sustainable performance improvement. This 4-hour session reviews the elements of a risk management process, focusing on the concepts and techniques needed for effective risk assessment and facilitate decision making. Learners will practice applying a process that addresses common safety issues and using established risk management methodology to work through a comprehensive case study.

Learning Objectives:
- Identify the elements of a risk management process and a risk assessment
- Conduct a risk assessment
- Use a risk assessment to make decisions for managing risk

Level: Intermediate
Track: Risk
Length: 4 hours
CEUs: 0.4
Instructor(s): Kenneth Daigle, P.E.
Date(s): Saturday, January 26, 2019, 8:00 AM – 12:00 PM

045_Essential Risk Assessment Tools (BYOL)

Description: We examine foundational risk assessment tools for hazard identification, modify risk assessment tools and apply risk reduction concepts.

Learning Objectives:
- Identify risk assessment concepts
- Define the hazard analysis and risk assessment process
- Use qualitative and semiquantitative risk assessment tools

Level: Beginner
Track: Risk
Length: 1 day
CEUs: 0.7
Instructor(s): Georgi Popov, Ph.D., QEP
Date(s): Sunday, January 27, 2019

046_Risk Assessment Course (Section 2)

Description: Risk assessment is a dynamic process that enables safety professionals to proactively manage workplace risks. An effective risk assessment helps an OSH professional identify potential hazards that may not have been found another way and implement preventive measures. We cover three main areas of a risk assessment: hazard identification, risk analysis and risk evaluation.
Learning Objectives:
- Implement the steps of the risk assessment process
- Conduct a risk assessment leading to the identification and prioritization of your organization’s hazards and controls
- Influence management to support risk reduction plans and efforts
- Measure the effectiveness of the risk assessment process and outcomes to support your organization’s objectives

Level: Intermediate  
Track: Risk  
Length: 3 days  
CEUs: 2.1  
Instructor(s): Section 2: Pamela Walaski, CSP, CHMM  
Date(s): Section 2: Monday, January 28 – Wednesday, January 30, 2019

047_Training a Risk Assessment Team
Description: To help you become a better leader of your organization’s risk management process, we help you learn to develop and deliver a training to your risk assessment teams (internal and external team members). You will learn to identify relevant stakeholders for the process, develop customized training content, understand typical barriers to initiating the risk assessment process following training, and determine ongoing team training needs.

Learning Objectives:
- Describe the risk management framework of ANSI/ASSP Z690 along with the critical role risk assessment teams play in the process
- Describe the key internal and external stakeholders critical to the risk assessment approach in your organization
- Develop a customized training curriculum and matrix for your organization’s risk assessment team(s)
- Identify the four typical barriers that develop in risk assessment teams when initial assessments are performed, and describe methods to address those, including interventions during risk assessment, retraining or individual coaching

Level: Intermediate  
Track: Risk  
Length: 1 day  
CEUs: 0.7  
Instructor(s): Pamela Walaski, CSP, CHMM  
Date(s): Thursday, January 31, 2019

048_Risk-Based Process Safety Management
Description: We address system safety and process safety covering topics such as system safety terminology, the concepts of risk and risk assessment and how they apply to hazard identification and control, and risk mitigation and acceptability criteria. You will approach basic design solutions for identified
hazards, practice popular analysis techniques used in system and process safety, and use hazard analysis worksheets as a tool to execute system safety and process safety.

**Learning Objectives:**
- Define system safety
- Recognize various hazardous energy sources and controls
- Define concepts of risk, risk assessment, risk mitigation and acceptability criteria
- Design basic solutions for identified hazards
- Use analysis techniques such as fault tree analysis, event tree analysis, failure modes and effects analysis, hazard and operability studies, functional and control flow analysis, and sneak circuit analysis
- Complete hazard analysis worksheets and hazard reports

**Level:** Intermediate  
**Track:** Risk  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Mark Hansen, P.E., CSP, CPE, CPEA  
**Date(s):** Saturday, January 26, 2019

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**049_Prevention through Design**

**Description:** We address the concept of prevention through design (PtD) as it is presented in the ANSI/ASSP Z590.3 standard. We review the purpose of PtD, the standard’s content, various design approaches and how to present a PtD system to management. You will study real-world incidents and examples that cover not just worker injuries, but also property damage and the effects this can have on an organization.

**Learning Objectives:**
- Define the principles and rationale behind PtD
- Recognize your role on a design team
- Use various design approaches for PtD

**Level:** Intermediate  
**Track:** Risk  
**Length:** 2 days  
**CEUs:** 1.4  
**Instructor(s):** C. Gary Lopez, M.S., CSP  
**Date(s):** Sunday, January 27 – Monday, January 28

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**050_Risk Communication: A Journey From OSH Hazard Identification to Enterprise Risk Management (BYOL)**

**Description:** We provide you with a foundation to identify OSH hazards identification, assess risk, and use risk management and enterprise risk management (ERM) tools. You will learn through detailed case studies that use OSH hazard identification and risk management tools to select the best safety intervention. You will also incorporate prevention through design tools to develop a business case for OSH intervention.
Learning Objectives:
- Use various hazard identification, risk assessment, risk management and ERM tools
- Utilize risk management tools for existing operations and process improvements
- Identify operational value factors used to support business decisions
- Evaluate OSH project improvements and opportunities to incorporate safety into the business decision making process
- Evaluate risk prioritization concepts and identify risk reduction opportunities to effectively manage risk
- Align OSH interventions with business goals and objectives for effective integration into ERM
- Use an applications program to bring OSH hazards identification into ERM process

Level: Advanced
Track: Risk
Length: 2 days
CEUs: 1.4
Instructor(s): Georgi Popov, Ph.D., QEP
Date(s): Tuesday, January 29 – Wednesday, January 30, 2019

051_Bowtie Risk Assessment
Description: ISO and ANSI/ASSP standards list bowtie analysis as a simple diagrammatic way to describe and analyze the pathways of a risk from hazards to outcomes. The method identifies the activities that keep a control working and who is responsible for a control. You can also use it to effectively analyze whether hazards are managed to an acceptable level (widely known as ALARP). If you are looking to add rigor in your risk assessment process, bowtie analysis can help you link causal relationships in high-risk scenarios.

Learning Objectives:
- Use the bowtie risk assessment methodology
- Determine control strategies for prevention and recovery (when controls do not work)
- Integrate the hierarchy of controls to semiquantitatively verify risk reductions

Level: Intermediate
Track: Risk
Length: 1 day
CEUs: 0.7
Instructor(s): Paul Esposito, CSP, CIH
Date(s): Thursday, January 31, 2019

052_Targeted Incident Prevention
Description: High-performance safety management requires focused and proactive attention to prominent workplace risks that goes beyond regulatory and prescriptive approaches. Standards such as OHSAS 18001, ANSI/ASSP Z10, ISO/ANSI/ASSP 45001 and ISO/ ANSI/ASSP Z690, as well as various injury and illness prevention standards, all specify the need for programmed prioritization and correction of identified risks. You will learn about a flexible model for targeted risk reduction and take away an outline for planning and executing highly focused intervention efforts.
Learning Objectives:
• Interpret and prioritize the results of risk identification/assessment
• Identify applicable metrics to evaluate your assessment results
• Use risk-based control measure selection and planning
• Apply management principles to implement, guide and monitor corrective and preventive measures in your organization

Level: Intermediate  
Track: Risk  
Length: 1 day  
CEUs: 0.7  
Instructor(s): David Natalizia  
Date(s): Saturday, January 26, 2019

053_Principles of Machine Safeguarding  
Description: Assessing risk and implementing engineering controls are essential to protecting workers against machine hazards. You will learn how to perform a machine safeguarding risk assessment using ANSI B11 and how to implement engineering control methods to achieve acceptable risk.

Learning Objectives:
• Identify types of machine hazards to recognize the need for risk assessment  
• Use the ANSI B11 hands-on approach to identify and correct hazards  
• Implement a risk assessment protocol used globally by companies  
• Provide guidance on machine safeguarding control methods under ANSI and OSHA recommendations to achieve acceptable risk to employees and machine operators  
• Employ safeguarding methods using guard and device options

Level: Beginner  
Track: Risk  
Length: 1 day  
CEUs: 0.7  
Instructor(s): Paul Zoubek, CSP, CIH, SMS  
Date(s): Monday, January 28, 2019

054_Electrical Safety I: Basic Principles  
Description: We introduce the fundamental principles of electrical safety, specifically the engineering controls required to protect workers to voltages greater than 50 V. You will learn about OSHA’s top 10 electrical safety violations, and review the National Electrical Code (NEC, 2017 edition) and other NFPA electrical safety standards.

Learning Objectives:
• Describe engineering design requirements and safeguards necessary to protect workers.  
• Discuss the basic principles of electricity, including basic circuitry and electrical units  
• Identify hazards of electricity to the human body

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• Mitigate electrical hazards based on OSHA's leading citations for electrical safety

**Level:** Beginner  
**Track:** Risk  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Paul Zoubek, CSP, CIH, SMS,  
**Date(s):** Tuesday, January 29, 2019


**Description:** We provide an in-depth, comprehensive overview of electrical safe work practices, procedures, risk assessment and risk reduction techniques outlined in the 2018 edition of NFPA 70E. You will receive a copy of NFPA 70E, Standard for Electrical Safety in the Workplace (2018 edition) and learn how to interpret code requirements as they apply to energized electrical work situations.

**Learning Objectives:**
- Understand NFPA 70E as a best practices standard
- Evaluate worker protection measures in accordance with the hierarchy of controls
- Employ safety-related work practices for energized systems
- Implement risk assessment procedures outline in the 2018 edition of NFPA 70E

**Level:** Intermediate  
**Track:** Risk  
**Length:** 2 days  
**CEUs:** 1.4  
**Instructor(s):** Paul Zoubek, CSP, CIH, SMS  
**Date(s):** Wednesday, January 30 – Thursday, January 31, 2019
Safety Management Systems

056_Implementing ISO 45001 Course (Section 1)
Description: Our ISO 45001 blended learning seminar helps you develop the knowledge and confidence to successfully implement an occupational health and safety management system (OHSMS) as an integral part of your organization’s overall business operations and objectives. Organizations that adopt the standard as part of their business practices, goals and objectives will be able to better protect their workers, brand reputation, supply chain and future growth on a global level.

Learning Objectives:
- Create a compelling story around developing and implementing an ISO 45001-compliant OHSMS
- Explain the importance and value of implementing an OHSMS following the ISO 45001 standard
- Define key terminology and guidelines related to the implementation of the ISO 45001 standard
- Navigate the ISO 45001 standard and its main sections
- Assess performance of your OHSMS, leveraging the success factors listed in the ISO 45001 standard to continuously improve the process
- Translate knowledge gained through the workshop into an actionable plan for initiating your own OHSMS development and implementation

Level: Intermediate
Track: Safety Management Systems
Length: 3 days
CEUs: 2.1
Instructor(s): Victor Toy, CSP, CIH
Date(s): Saturday, January 26 – Monday, January 28, 2019

057_Developing a System Approach to Risk and Safety
Description: Every organization confronts risk and safety in some way. The key is how an organization does so. An organization is in business to make a profit, but risk and safety issues can diminish the return to the organization if they are not dealt with in a systematic way. That’s why an organization must implement key elements of risk and safety systems management leadership (organizational culture), employee involvement, planning, implementation and operations (hazards and risk assessment), evaluation of performance for corrective action and a management review process. Even if an organization’s system has all the required elements, its performance can still improve. You will learn how to analyze underperforming aspects of your organization’s system.

Learning Objectives:
- Evaluate your organization’s commitment to risk and safety and determine why it is performing below expectations
- Assess the roles management and employees play in risk and safety performance in terms of their responsibility, authority and accountability
- Analyze how well the elements of the organization’s system are achieving results
- Determine whether the incident reporting and investigation process is identifying real issues
- Evaluation the organization’s survey/audit process and the results for management effectiveness
• Develop a plan to improve underperforming areas in the organization's risk and safety system

**Level:** Intermediate  
**Track:** Safety Management Systems  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Joel N. Tietjens, CSP, CSHM  
**Date(s):** Tuesday, January 29, 2019

**058_Systems Thinking: Avoid Creating Tomorrow's Problems With Today's Solutions**

**Description:** Without systems thinking, inspections and audits can reduce the ability of risk and incident investigations to recognize factors that lead to injuries and illnesses. Well-intentioned efforts to improve individual parts of the system, such as inspections, investigations and measurement, often fall short of expectations and produce unintended consequences that create new problems. You will learn how to apply systems thinking to the interdependence of system parts to enhance your ability to identify points of high leverage.

**Learning Objectives:**
- Identify your organization's assumptions and mental models that significantly impact its OSH efforts
- Recognize the interdependence of parts of OSH systems
- Plan improvement actions that focus on the whole system
- Develop strategies to develop systems thinking and apply those practices to your management system

**Level:** Intermediate  
**Track:** Safety Management Systems  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** James Howe, CSP  
**Date(s):** Wednesday, January 30, 2019

**059_Implementing an ANSI/ASSP Z10 Management System Based on the New View of Safety**

**Description:** Management systems are a powerful tool to continuously improve your OSH effectiveness. Implementing ANSI/ASSP Z10 increases organizational communication and alignment by challenging long-held assumptions and replacing them with factors that lead to success. Designing system elements that fit together based on an organization's characteristics leads to improvement. Safety emerges from the interaction of system elements such as leadership, employee engagement and planning, rather than the quality of each element taken separately.

**Learning Objectives:**
- Apply new-view concepts—a systems thinking approach to safety and health
- Recognize employees as a source of safety resilience
- Implement processes to learn from failures and successes to improve operational and organization performance
- Use systems thinking to maximize effectiveness when establishing and implementing a management system
- Integrate ANSI/ASSP Z10 standard elements with other systems such as ISO9001, 14000 and 45001, OSHA’s Voluntary Protection Programs and OSHA’s Process Safety Management standard
- Align the standard with an organization’s efforts for sustainable growth and social responsibility

**Level:** Intermediate  
**Track:** Safety Management Systems  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** James Howe, CSP  
**Date(s):** Thursday, January 31, 2019

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**060_Auditing Safety and Health Management Systems**

**Description:** We examine auditing techniques to help you differentiate management systems audits from OSH compliance audits. We also explore a methodology to assess the quality assurance of OSH management. You will review the process of managing for continuous improvement, scoring audits, developing leading metrics and conducting interviews. We focus on integrating tenets of ISO 45001 and ANSI/ASSP Z10 with OSHA’s program management guidelines.

**Learning Objectives:**
- Define management and quality assurance principles
- Develop a system and methodology to audit OSH management systems
- Practice techniques for conducting interviews and scoring employee and supervisor interviews
- Establish baseline, score and quality control for the audit process

**Level:** Intermediate  
**Track:** Safety Management Systems  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Paul Esposito, CSP, CIH  
**Date(s):** Saturday, January 26, 2019

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**061_Implementing ISO 45001 Course (Section 2)**

**Description:** Our ISO 45001 blended learning seminar helps you develop the knowledge and confidence to successfully implement an occupational health and safety management system (OHSMS) as an integral part of your organization’s overall business operations and objectives. Organizations that adopt the standard as part of their business practices, goals and objectives will be able to better protect their workers, brand reputation, supply chain and future growth on a global level.
Learning Objectives:
- Create a compelling story around developing and implementing an ISO 45001-compliant OHSMS
- Explain the importance and value of implementing an OHSMS following the ISO 45001 standard
- Define key terminology and guidelines related to the implementation of the ISO 45001 standard
- Navigate the ISO 45001 standard and its main sections
- Assess performance of your OHSMS, leveraging the success factors listed in the ISO 45001 standard to continuously improve the process
- Translate knowledge gained through the workshop into an actionable plan for initiating your own OHSMS development and implementation

Level: Intermediate  
Track: Safety Management Systems  
Length: 3 days  
CEUs: 2.1  
Instructor(s): Kenneth Clayman  
Date(s): Sunday, January 27 – Tuesday, January 29, 2019

062_Internal OHSMS Auditing Using ISO 45001
Description: We examine the new ISO 45001:2018 Occupational Health and Safety Management System (OHSMS) standard from an auditor’s perspective/point of view. We review components of an effective internal audit program and discuss steps necessary to plan for and complete internal OHSMS audits. You will learn how to document nonconformance findings, understand how to assess adequacy and effectiveness of corrective actions, and learn how to evaluate the adequacy, suitability and effectiveness of the internal audit program. After completing this course, you will have a good understanding of audit programs and processes and know how to complete an OHSMS audit.

Learning Objectives:
- Use tools to develop an OHSMS internal auditing program
- Plan and complete internal OHSMS audits
- Assess and improve your organization’s OHSMS based on ISO 45001

Level: Intermediate  
Track: Safety Management Systems  
Length: 2 days  
CEUs: 1.4  
Instructor(s): Kenneth Clayman  
Date(s): Wednesday, January 30 – Thursday, January 31, 2019
Fall Protection / Construction

063_Hazard Hunt
Description: In this competition-styled session, learners will be divided into small teams; each team will need to find potential fall hazards in and around the Seminarfest facility. Points will be awarded to each team based on the nature & diversity of the hazards they discover. Put your game-face on, and hazard ID skills to the test in this a fun, interactive afternoon!

Learning Objectives:
- Identify and record potential fall hazards including: means of access hazards, locations hazards, hidden hazards, task hazards, and more.

Level: All levels
Track: Fall Protection/Construction
Length: 4 hours
CEUs: 0.4
Instructor(s): Thomas Kramer, P.E., CSP
Date(s): Saturday, January 26, 2019, 12:30 – 4:30 PM

064_Effective Fall Protection Programs
Description: We cover fall protection in accordance with the ANSI/ASSP Z359 family of standards related to fall protection program management and system use. Through hands-on exercises, you will learn how to best make the critical decisions required for your fall protection program.

Learning Objectives:
- Conduct fall hazard assessments
- Make appropriate decisions to reduce injuries on walking/working surfaces, ladders, roofs, aerial lifts and scaffolds
- Identify elimination and control methods and develop use and rescue procedures
- Implement horizontal and vertical lifelines, and designate appropriate fall protection anchorages

Level: Intermediate
Track: Fall Protection/Construction
Length: 2 days
CEUs: 1.4
Instructor(s): Thomas Kramer, P.E., CSP
Date(s): Sunday, January 27 – Monday, January 28, 2019

065_Managed Fall Protection Course
Description: This course is the required course for ASSP’s Managed Fall Protection Certificate Program. It is based on the responsibilities of the fall protection program administrator as defined in ANSI/ASSP Z359.2-2017, Minimum Requirements for a Comprehensive Managed Fall Protection Program.
Learning Objectives:
- Establish guidelines and requirements for a managed fall protection program
- Eliminate or establish controls for fall hazards
- Develop a fall protection system use and rescue procedure
- Demonstrate the tasks necessary to manage an incident investigation
- Evaluate the effectiveness of a managed fall protection program

Level: Intermediate  
Track: Fall Protection/Construction  
Length: 3 days  
CEUs: 2.1  
Instructor(s): Thomas Kramer, P.E., CSP  
Date(s): Tuesday, January 29 – Thursday, January 31, 2019

066_Confined Space Assessment, Entry and Rescue
Description: OSHA regulates confined spaces in general industry and construction. You will learn how to assess whether spaces require a permit and review proper entry and rescue procedures for confined spaces. You will also learn about assessing spaces, air monitoring, training requirements, ventilation, permits, retrieval and rescue requirements and equipment, contractors, and OSHA-required recordkeeping.

Learning Objectives:
- Determine whether a confined space requires a permit
- Develop confined space entry and rescue procedures
- Create appropriate training for confined space entrants, attendants, entry supervisors and rescue team
- Select the proper entry and rescue equipment
- Evaluate the capability of your designated confined space rescue team to respond to emergencies

Level: Beginner  
Track: Fall Protection/Construction  
Length: 1 day  
CEUs: 0.7  
Instructor(s): Jay Jamali, CSP, CHCM, CHMM  
Date(s): Saturday, January 26, 2019

067_Scaffold Hazard Management
Description: We focus on specific hazards by type of scaffolds, the roles of competent and qualified persons, load-carrying capacities, assembly and disassembly, scaffold access, platform construction and fall protection. In addition, you will learn about falling object protection, electrical exposures, training requirements, and general do's and don’ts.

Learning Objectives:
- Identify applicable OSHA regulations and ANSI standards for various types of scaffolds
- List various types of scaffolds
• Identify the roles and responsibilities of personnel involved with scaffolds
• Discuss the assembly, inspection and disassembly procedures of scaffolds
• Develop a scaffold management program

**Level:** Beginner  
**Track:** Fall Protection/Construction  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Kimlee Lindgren, CHST  
**Date(s):** Monday, January 28, 2019

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**068_Critical Issues in Construction Safety**

*Description:* Learn about the most common construction hazards, safety and health programs, hazard communication, personal protective equipment, fire prevention and protection, heavy equipment, traffic control, welding, electrical, scaffolding, training, fall protection and recordkeeping.

*Learning Objectives:*  
• Recognize the most common exposures in construction and develop solutions  
• Define the term *critical* in this context  
• Identify critical issues relative to OSHA standards and to the prevention of injury, illness and fatalities in construction

**Level:** Beginner  
**Track:** Fall Protection/Construction  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Kimlee Lindgren, CHST  
**Date(s):** Tuesday, January 29, 2019
Human Performance

069 _Using Performance Technology for Safety Results

Description: As a safety professional, you recognize the value of improving employee performance. However, without a unified and comprehensive approach, these efforts may be developed and implemented in isolation, leaving achievements unclear. To achieve lasting results and true organizational change, you should use the science of performance technology or human performance improvement to align your initiatives across all three levels of the organization: work, worker and workplace. You will learn how this standardized approach enables you to measure the success of your efforts and eliminate the guesswork when a performance gap is identified.

Learning Objectives:
- Discover the origin and underlying principles of human performance improvement
- Explore various models of the human performance improvement process
- Apply analysis models to determine performance gaps and their root causes
- Evaluate the impact of interventions

Level: Intermediate
Track: Human Performance
Length: 1 day
CEUs: 0.7
Instructor(s): Chris Ross, CSP, OHST
Date(s): Saturday, January 26, 2019

070 _Altering Habits to Improve Safety and Total Organizational Performance

Description: The tremendous power of habit in our lives also impacts our organizations and is the subject of much research and debate. We cover the latest principles on how habits are formed and how they can be altered or replaced to improve individual and organizational performance. We also review techniques to modify habitual behavior and examine principles in the context of using safety as a gateway for overall organizational improvement and profitability.

Learning Objectives:
- Recognize the effect of habits in the lives of people and organizations
- Define the habit cycle and apply it to workplace safety scenarios
- Create a framework for the development of safety habits
- Identify destructive habits and learn how to transform them to positive habits
- Create links between organizational goals and keystone habits

Level: Intermediate
Track: Human Performance
Length: 1 day
CEUs: 0.7
Instructor(s): David Natalizia
Date(s): Sunday, January 27, 2019

071_Human and Organizational Performance
Description: Dive in and learn about the new view of safety and reliability. We explore how to move your organization from the traditional blame-and-punish model to the progressive learn-and-improve model. In addition, we review how to move away from investigative interviewing techniques and engage operational learning teams to better involve workers following an event. You will engage in group discussions about human error and learn to build in error tolerance.

Learning Objectives:
- Explore the concept of human error
- Define performance modes
- Respond better to failure
- Create operational learning
- Focus on reliability and resilience

Level: Intermediate
Track: Human Performance
Length: 1 day
CEUs: 0.7
Instructor(s): Bob Edwards
Date(s): Monday, January 28, 2019

072_Behavior-Based Safety for Today's Realities
Description: If it has been a while since your organization implemented a behavior-based safety (BBS) process, it's probably time for some updates that could improve your results. Innovations in the past two decades offer more effective ways to implement BBS, achieve higher engagement and produce better performance. You will learn about new alternatives to traditional BBS administration to boost your system. If you are new to BBS, you will learn about the latest best practices.

Learning Objectives:
- Decrease the use of internal resources without compromising effectiveness
- Develop better focus with your observation checklist
- Modify your observation strategy to produce better results
- Conduct more thoughtful analysis of observation data and use it more cohesively in practice
- Communicate your process more effectively to produce employee engagement
- Address the four major issues found within the average BBS process
- Avoid the 10 mistakes that compromise BBS processes

Level: Advanced
Track: Human Performance
Length: 1 day
CEUs: 0.7
Instructor(s): Terry Mathis
Date(s): Tuesday, January 29, 2019

073_Advanced Human Performance Techniques for Safety Professionals
Description: Learn a proven way to assess and/or investigate injury or unwanted outcomes related to human nature. Beyond reviewing human performance improvement fundamentals, we explore a proven process that defines the facts and context related to why people exhibit behaviors that result in injuries and other unwanted outcomes.

Learning Objectives:
- Define error, error precursors and error-likely situations
- Explore human performance improvement process
- Define the three performance and error modes
- Review the limitations of human capability
- Assign a cause code and suggest corrective actions

Level: Advanced
Track: Human Performance
Length: 2 days
CEUs: 1.4
Instructor(s): Timothy S. Bush
Date(s): Wednesday, January 30 – Thursday, January 31, 2019
Leadership Development

074_Seven Insights Into Safety Leadership

Description: As an OSH professional, you may wonder how to best partner with senior leaders to develop and implement a highly effective safety improvement strategy. We guide you through the essential principles that every safety leader needs to understand to develop and execute a strategy that improves safety and supports business improvement generally.

Learning Objectives:
- Articulate a compelling business case for improving safety performance by engaging employees and building culture
- Explain why an organization may require a dual strategy for reducing exposure to hazards
- Define and recognize key safety leadership attributes
- Define and recognize two dimensions of culture needed to sustain safety and business improvements
- Partner with senior leaders to create a roadmap for developing a positive safety culture and sustainable safety improvement

Level: Advanced  
Track: Leadership Development  
Length: 1 day  
CEUs: 0.7
Instructor(s): Kristen Bell and Laura Fiffick, CSP
Date(s): Saturday, January 26, 2019

075_Servant Leadership

Description: Servant leadership is a powerful method in today’s business world. While the command-and-control leadership model was once successful, the servant-leadership model now produces better results. You will learn the differences between leading from a position of power and leading from a position of authority. We also discuss ways to gain authority by working for employees to garner loyalty and respect, while also exploring how a servant leader can balance both characteristics to create meaningful relationships with employees and colleagues.

Learning Objectives:
- Identify the characteristics of servant leadership
- Conduct a self-assessment using a skills inventory, and develop a plan to capitalize on strengths and improve weaknesses
- Develop leadership skills based on the three Fs: foundation, feedback and friction

Level: Advanced  
Track: Leadership Development  
Length: 1 day  
CEUs: 0.7
Instructor(s): Mark Hansen, P.E., CSP, CPE, CPEA
Date(s): Sunday, January 27, 2019

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076_Leadership Techniques That Effect Change

Description: Leaders’ effectiveness can affect any organization’s safety culture. We explore proven leadership principles, styles and theories to help you guide your workforce to better safety performance. You will learn leadership techniques to strategically motivate, negotiate with and influence management; align safety roles and responsibilities with your organization’s operations; and deal with workplace conflict.

Learning Objectives:
- Employ the leadership skills needed to significantly advance your organization’s safety culture
- Leverage the value of safety to enhance safety leadership and ownership across the organization
- Motivate managers and supervisors to support sustainable safety efforts
- Use best practice methodologies to counter managerial push back and disengagement
- Apply effective leadership techniques to reduce conflict

Level: Intermediate
Track: Leadership Development
Length: 1 day
CEUs: 0.7
Instructor(s): Samuel J. Gualardo, CSP
Date(s): Monday, January 28, 2019

077_Strategic Thinking for Excellence in Safety

Description: Strategic thinking is a vital characteristic of any leader. Organizations are emphasizing the importance of strategic thinking as a highly desired skill for corporate leaders. We aim to help you achieve greater consciousness in your thinking, which sets the stage for being a more proactive, creative and successful leader within your organization.

Learning Objectives:
- Enhance organizational productivity and performance
- Use creative thinking techniques to increase your ability to approach challenges and opportunities in new ways
- Identify barriers to effective decision making
- Elevate decision-making from tactical to strategic

Level: Intermediate
Track: Leadership Development
Length: 1 day
CEUs: 0.7
Instructor(s): Patricia Ennis, CSP, ARM
Date(s): Tuesday, January 29, 2019

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078. Building a High-Performing Team using Strengthscope™

**Description:** Strengthscope® is an online strengths assessment that measures an individual’s work-related strengths. These underlying characteristics energize a person, enabling them to achieve their best performance at work. You will learn more about your own strengths and how you can use this tool to build a passionate, motivated team. Your registration includes a personalized assessment that you will complete before class, so pre-registration for this course is encouraged.

**Learning Objectives:**
- Discover what energizes you and how you can use that to maximum effect in your work
- Learn how to utilize your team members' strengths and weaknesses
- Discuss how to use strength-finding tools that enhance recruitment and training

**Level:** Intermediate  
**Track:** Leadership Development  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Patricia Ennis, CSP, ARM and Christopher Arnold  
**Date(s):** Wednesday, January 30, 2019

079. Becoming a Real Leader: Principles and Practices for Accelerating Performance

**Description:** Every organization wants its teams to win and be successful. To create sustained results, a safety professional must have the skills needed to move from strategic planning to execution. We present key leadership and performance skills that will accelerate your team's performance and increase your influence. Bonus: each learner will receive a Leadership Library with other 100 leadership resources.

**Learning Objectives:**
- Define the four leadership principles using the acronym REAL
- Discover seven ways to add value that will improve your ability to build relationships
- Identify the seven reasons why people fail to equip others
- Recognize three behavioral triggers for creating a positive attitude
- Review the five things leaders should do in order to build and foster trust

**Level:** Intermediate  
**Track:** Leadership Development  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Mark Hernandez  
**Date(s):** Thursday, January 31, 2019
080_Understanding Generational Differences for a More Effective Workforce

**Description:** The workforce in many organizations has workers from four generations, ranging from traditionalists to millennials. Sometimes, inaccurate beliefs and stereotypes can hinder productivity and cause frustration, which can disrupt an effective safety program. We focus on bridging the generational gap by exploring the factors that define and shape each generation’s point of view and exposing and dispelling myths. You will also practice techniques on how best to work with employees from each generation.

**Learning Objectives:**
- Identify the four generations found in the contemporary workplace
- Recall the important events and issues that shape each generation’s worldview
- Expose and dispel myths and stereotypes
- Practice effective strategies for working with a multigenerational team

**Level:** Beginner  
**Track:** Leadership Development  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Delaney King  
**Date(s):** Saturday, January 26, 2019

081_Becoming an Effective Independent Consultant

**Description:** For those safety and health professionals who would like to improve the effectiveness of their consultant practice or want to make the transition from employee to independent practitioner, this course assists you to: create a business plan for optimum performance of the consulting practice, set up and manage financials, construct proposals, contracts and letters of agreement, and create marketing and sales strategies for professional services.

**Learning Objectives:**
- Describe the business operations that are critical to successful operation of an independent consulting practice in safety and health
- Discuss the most difficult challenges that the independent safety and health consultant might face
- Create a business plan for optimum performance of the consulting practice that addresses all the essential elements

**Level:** Intermediate  
**Track:** Leadership Development  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Deborah R. Roy, RN, CSP, COHN-S, CET  
**Date(s):** Sunday, January 27, 2019
082_Realizing Your Leadership Potential

**Description:** Some people are born leaders, but if you are not, leadership can be learned. You can practice and perfect the skills and techniques to achieve better leadership and even coach others to lead. We help you improve your leadership skills and your ability to influence others.

**Learning Objectives:**
- Define the power structures that exist in your organization and how they impact leadership growth
- Identify your opportunities for leadership change and improvement
- Demonstrate leadership behavior that will enhance your safety effort
- Use strategies that will influence your workforce to achieve safety goals

**Level:** Intermediate  
**Track:** Leadership Development  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Regina McMichael, CSP, CET  
**Date(s):** Monday, January 28, 2019

083_Communication Is a Contact Sport: Use the Decker Method™ to Perfect Your Safety Message

**Description:** The success of your safety program, and ultimately, the safety of all employees, rests on your ability not only to inform, but also to influence. You will learn to make an impact, create presentations that motivate leaders to act, handle tough questions and improve your delivery. We focus on mastering the Decker Grid™ as a way to quickly organize your thoughts and present them in a way that means something to your listener. You will become an effective communicator and raise your awareness of the total communication experience—both what you say and how you say it.

**Learning Objectives:**
- Build awareness of the “big six” behavioral skills for connection, energy, and credibility
- Use the 3 x 3 feedback process to identify strengths and weaknesses in your message and delivery method
- Practice SHARP principles to connect emotion with logic and create memorable messages
- Develop and delivery prepared presentations
- Master best practices for handling tough questions
- Develop an action plan for continuous improvement

**Level:** Beginner  
**Track:** Leadership Development  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Decker Communications  
**Date(s):** Tuesday, January 29, 2019
084_Coaching to Improve Safety and Health Performance

Description: Coaching can dramatically increase the service and value you bring to your organization and provide a different framework to get the best performance from others. Coaching involves the ability to help an individual (employee or leader) change their behavior. This changed behavior, particularly among leaders, translates into improved organizational results. By understanding coaching skills and how to apply them, you will dramatically improve your role in influencing others. We cover what it means to be a coach, and how to use your skills and knowledge to transform others. You will be able to transition from "safety cop" to a true organizational partner.

Learning Objectives:
- List the five components for a coaching process
- Explain the differences between inquiry versus advocacy in coaching
- Describe various ways to build rapport
- Breakdown the three types of active listening: mirroring, paraphrasing, and drawing people out
- Differentiate between open-ended, close-ended and inquiry questioning
- Demonstrate how to reframe a behavior or concept

Level: Intermediate
Track: Leadership Development
Length: 1 day
CEUs: 0.7
Instructor(s): Kathy Hart, Ed.D.
Date(s): Wednesday, January 30, 2019

085_Building Your Brand Identity

Description: The term brand identity is used in marketing to describes the products and services a business offers. Safety professionals can also benefit by creating their own personal brand to market themselves to their employees, colleagues and leadership. How you are perceived may determine whether you are afforded special development opportunities, promotions, or access to senior leaders and mentors. Your personal brand also can help you improve safety and health initiatives. You will leave this course with a solid brand identity and a marketing plan to promote yourself and the safety and health causes you want to champion in your organization.

Learning Objectives:
- Identify the various roles you play in your professional and personal life and how you may be perceived by others
- Identify key components that comprise brand identity
- Develop your own brand identity profile
- Align your outer presence (e.g., how you dress, write, speak) and inner presence (e.g., self-worth, confidence) with your brand identity
- Build a strategic and successful self-marketing campaign

Level: Advanced
Track: Leadership Development
Length: 1 day
CEUs: 0.7

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086_How Generational Stereotypes Impact Individuals & Teams

*Description:* Join a multi-generation panel to explore differences and find commonalities to help all safety professionals work better together as a team. The discussion will focus on issues such as brain drain, recruitment, salary, non-traditional roles, experience vs. education, culture and norms, communication styles, etc. Panelists include: Pam Walaski, Bob Edwards, Ken Daigle, Julie McFater, Cole Tait, and Derek Coughlin.

*Learning Objectives:*
- Identify and avoid common generational stereotypes
- Discover how different approaches to an issue can be blended and used to strengthen a safety program
- Manage a cohesive and diverse team for maximum output and efficiency

*Level:* All levels  
*Track:* Leadership Development  
*Length:* 4 hours  
*CEUs:* 0.4  
*Instructor(s):* Delaney King  
*Date(s):* Sunday, January 27, 2019, 8:00 AM – 12:00 PM

087_Gender & Diversity: Understanding How They Impact Your Safety Culture

*Description:* Understand the impact of gender and diversity topics on communication, training, hiring, and career advancement. Explore potential roadblocks and set goals on how to best advocate in order to improve safety culture at your organizations.

*Learning Objectives:*
- Explore how gender and diversity affects communication and training  
- Develop strategies to identify and grow talent from within  
- Discuss and overcome roadblocks

*Level:* All levels  
*Track:* Leadership Development  
*Length:* 4 hours  
*CEUs:* 0.4  
*Instructor(s):* Abby Ferri  
*Date(s):* Sunday, January 27, 2019, 12:30 – 4:30 PM

088_Change Management for Safety Professionals

*Description:* This course presents a comprehensive change model that can be immediately applied in your current organization (note that organization change is addressed, not PSM MOC). Learners will explore how to apply a change model that includes planning, engagement, implementation, training, and deployment.
Whatever your role is in your organization, you will leave this class in a position to ensure successful change management.

**Learning Objectives:**
- Become familiar with a proven change-management model
- Clarify the importance of a process plan and implementation checklist
- Incorporate processes to manage change and develop plans for major initiatives

**Level:** Intermediate  
**Track:** Leadership Development  
**Length:** 1 day  
**CEUs:** 0.7  
**Instructor(s):** Chris Ross, CSP, OHST  
**Date(s):** Monday, January 28, 2019
Training and Communication

089_ANSI Z490 Training Techniques
Description: This course is based on common-sense observations and standards of care provided by OSHA, ANSI A10.2, and ANSI Z490 Training standards, in addition to advice gleaned from “TED Talks” and a seasoned Instructor who has trained over 10,000 craft professionals. Leave this course with 20+ tips and techniques to make you a more dynamic trainer.

Learning Objectives:
- Develop safety & health training that sticks
- “Sell” safety through authenticity
- Use storytelling effectively

Level: Beginner
Track: Training and Communication
Length: 1 day
CEUs: 0.7
Instructor(s): Michael W. Hayslip, ESQ., P.E., CSP
Date(s): Saturday, January 26, 2019

090_Needs Assessment and Program Evaluation
Description: You’ve delivered the training, you’ve tried to change culture, you’re trying to get results, but it takes a long time for those lagging metrics to change the bottom line. How do you provide a program evaluation that is compelling to senior managers? How can you demonstrate value and results? Discover how results from the breakthrough success case method (SCM) of training evaluation make a CFO-proof business case for safety training and help your organization turn its training investment into sustained performance improvement. SCM is a research-based approach to evaluation of training and other interventions that allows you to make fast, practical assessments of organizational impact and business gains.

Learning Objectives:
- Design a success case evaluation strategy
- Use survey data to determine success and non-success cases
- Identify and document key examples of business impact

Level: Intermediate
Track: Training and Communication
Length: 1 day
CEUs: 0.7
Instructor(s): Chris Ross, CSP, OHST
Date(s): Sunday, January 27, 2019
091_Build-A-Safety-Training-Course-In-A-Day (BYOL)

Description: In this highly interactive session, you will work with your peers and a trained instructional designer to create a short training course that you can immediately take back to your organization and conduct for your employees. You will need to complete some pre-work to prepare your topic and content, and you will need a laptop during class.

Learning Objectives:
- Identify the different instructional design methodologies and select one that best suits your learners and your content
- Utilize the ADDIE (Analysis, Design, Development, Implementation, Evaluation) model to design an effective training course for adult learners
- Storyboard your content
- Create dynamic and visually appealing course materials
- Write effective learning objectives and develop a training course to best help learners meet these objectives
- Design assessments around learning objectives
- Discover instructional design and development tools

Level: Intermediate
Track: Training and Communication
Length: 1 day
CEUs: 0.7
Instructor(s): Delaney King
Date(s): Monday, January 28, 2019

092_How to Become a Safety Training Ninja

Description: It is hard to be a top-notch safety professional and still find time to deliver great training. Tired of compliance-based lectures, and begging people to come and pay attention? Stop working so hard and work smarter, be a Safety Training Ninja© who uses the tools like a master and slices through training challenges.

Learning Objectives:
- Implement different tools to make training easier and more exciting
- Develop learning objectives that meet your company's safety needs and can be proven
- Design and develop effective safety training that your audience enjoys
- Make compliance training interesting and fun again

Level: Intermediate
Track: Training and Communication
Length: 1 day
CEUs: 0.7
Instructor(s): Regina McMichael, CSP, CET
Date(s): Tuesday, January 29, 2019
093. Technical Writing Skills for the Safety Professional

Description: This course is designed for safety managers, directors, supervisors, committee leaders and others who are expected to write, review, edit and update technical documents in their organizations. We help you develop the skills you need to develop content for OSH policies, programs and procedures to satisfy regulatory compliance, and best practices for all types of workforces. We review technical writing skills and concepts, with in-class workshops during which you will practice writing and editing materials.

Learning Objectives:
- Realize the importance of written communication
- Identify the OSHA regulations that require written programs and procedures
- Explain the difference between policies, programs, procedures, guideline, safety manuals, handbooks and other documents
- Outline and develop content for policies, programs and procedures
- Identify the key principles of technical writing and words and phrases that should be avoided
- Evaluate written documents currently in place at your organization
- Assess grammar, spelling and punctuation
- Review the best practices for writing effective electronic correspondence (e.g., e-mail)

Level: Intermediate
Track: Training and Communication
Length: 1 day
CEUs: 0.7
Instructor(s): Cynthia Braun
Date(s): Wednesday, January 30, 2019

094. Train-the-Trainer

Description: Want to be a more dynamic instructor, master facilitator and inject new energy into your classroom? We can help you transform from a presenter to a master instructor, able to design and deliver your content effectively to adult learners.

Learning Objectives:
- Master new tools and techniques that will energize learners
- Identify creative instructional design methods that capture interest and engage learners
- List the traits and needs of adult learners
- Develop learning objectives and format content delivery to best meet those objectives
- Answer difficult questions and challenges from learners
- Practice presentation skills
- Prepare and present on an OSH topic

Level: All levels
Track: Training and Communication
Length: 1 day
CEUs: 0.7
Instructor(s): Cynthia Braun
Date(s): Thursday, January 31, 2019

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