

Course Catalog

MARCH 2027



SafetyFOCUS®

Exclusively Offered By:
American Society of Safety Professionals

March 1–5, 2027 | Las Vegas, NV

Index

Business & Leadership.....	3
Advanced Safety Management Methods	3
Influential Leadership Skills.....	3
Navigating Ethical Challenges in the EHS Profession	4
Certification Preparation.....	4
Associate Safety Professional (ASP) Exam Preparation	4
Certified Safety Professional (CSP) Exam Preparation.....	5
Risk Assessment & Management.....	5
Bowtie Risk Assessment.....	5
Electrical Safety in the Workplace	6
Enterprise Risk Management for Safety Professionals.....	6
Incident Investigation Techniques	7
Prevention Through Design.....	7
Risk Assessment & Management for Safety Professionals	8
Safety Management Systems.....	8
Fundamentals of Occupational Health & Safety Management Systems	8
Integrating ISO 45001 to Manage Occupational Health & Safety	9
Integrating Z10 to Manage Occupational Safety and Health.....	9
Safety Management I.....	10
Safety Management II.....	10
Corporate Safety Management	11

Business & Leadership

Advanced Safety Management Methods

Monday, March 1 – Tuesday, March 2 | Advanced | 3.0 CEUs

Modern safety management requires more than regulatory knowledge and compliance programs. Effective safety practice requires an understanding of how work is performed, how decisions are made, and how human performance, management systems, and business operations influence safety outcomes.

In this course, you will explore the principles and practices that drive effective safety management. You'll examine the factors that influence workplace performance and decision-making, learn how to integrate contemporary safety management approaches, and discover how to align safety initiatives with organizational goals to improve performance and resilience.

This course is the first in a two-course series for obtaining ASSP's Leadership in Safety Management Certificate.

Instructor(s): James Boretti, CSP

Learning Outcomes:

- Leverage human and organizational performance principles to improve safety outcomes
- Evaluate how cognitive bias and systems thinking influence risk assessment and decision making
- Integrate Prevention through Design and contemporary management methods to strengthen safety performance
- Align safety initiatives with business objectives and operational priorities
- Apply safety management system models to support continuous improvement and organizational resilience

Influential Leadership Skills

Wednesday, March 3 – Thursday, March 4 | Advanced | 3.0 CEUs

Today's safety professionals are expected to do more than ensure compliance and manage risk. They need to think strategically, influence business decisions and provide leadership that improves organizational performance.

In this course, you will build the skills necessary to meet those expectations. You'll strengthen your strategic thinking and planning, learn how to influence decision-makers, apply tools to measure and improve organizational performance, and explore leadership frameworks that drive meaningful, sustainable results. This course is the second in a two-course series for obtaining ASSP's Leadership in Safety Management Certificate.

Instructor(s): James Boretti, CSP

Learning Outcomes:

- Apply leadership and strategic planning to improve risk management, organizational performance and business outcomes
- Demonstrate leadership behaviors that build trust, strengthen partnerships with stakeholders and motivate teams
- Balance competing stakeholder needs while supporting collaboration, informed decision-making and compliance
- Use influence and communication strategies to build alignment, gain buy-in and drive meaningful change

Navigating Ethical Challenges in the EHS Profession

Thursday, March 4 | Intermediate | 0.7 CEUs

Environmental, health and safety (EHS) professionals often must make ethical decisions when legal compliance alone does not provide a clear answer. Organizational pressures, competing interests, limited resources and uncertainty require sound judgment and careful consideration of responsibilities to workers, employers, clients, regulators and the public.

In this course, you will learn to recognize, analyze and resolve ethical challenges in EHS practice. You will apply major ethical approaches while examining how professional codes, work context, cognitive bias and practical wisdom influence decision-making.

Through real-world case studies, you will evaluate competing courses of action, defend your decisions using established ethical principles and build practical reasoning skills for navigating EHS challenges throughout your career. This course meets ethics training requirements established by the Board for Global EHS Credentialing (BGC) for certified industrial hygienists and by the Board of Certified Safety Professionals (BCSP) for recertification. Visit the BGC and BCSP websites for current requirements.

Instructor(s): Dr. Jan K. Wachter, CIH, CSP, CQE, CRE, CMQ/OE

Learning Outcomes:

- Apply major ethical frameworks to EHS decision-making
- Integrate EHS Codes of Ethics into workplace decisions
- Evaluate how bias, context, practical wisdom and risk influence ethical judgment
- Analyze case studies and recommend defensible actions
- Recognize common ethical dilemmas and respond with integrity and professionalism

Certification Preparation

Associate Safety Professional (ASP) Exam Preparation

Wednesday, March 3 – Friday, March 5 | Beginner | 3.0 CEUs

Learn what you need to know to pass the Associate Safety Professional (ASP) certification exam. Complete practice questions and review answers that align with the Board of Certified Safety Professionals (BCSP) blueprint for the ASP exam. Get answers to your questions about the testing process and get practical guidance on what you should do to prepare. You need a TI-30XS scientific calculator to participate in this course.

Instructor(s): Robert Hites, CSP, CHST, SMS, CIT

Learning Outcomes:

- Describe the ASP exam blueprint
- Describe the Pearson VUE testing process
- Describe certification requirements and scoring
- Review test-taking and study strategies
- Demonstrate an understanding of the ASP exam blueprint by answering sample questions
- Evaluate knowledge gaps and strengths
- Develop a study plan

- Locate resources to fill knowledge gaps and reinforce strengths

Certified Safety Professional (CSP) Exam Preparation

Wednesday, March 3 – Friday, March 5 | Intermediate | 3.0 CEUs

Learn what you need to know to pass the Certified Safety Professional (CSP) certification exam. Complete practice questions and review answers that align with the Board of Certified Safety Professionals (BCSP) blueprint for the CSP exam. Get answers to your questions about the testing process and get practical guidance on what you should do to prepare. You need a TI-30XS scientific calculator to participate in this course.

Instructor(s): Patrick Karol, CSP, ARM, SMS, CHST, CIT

Learning Outcomes:

- Describe the CSP exam blueprint
- Describe the Pearson VUE testing process
- Describe certification requirements and scoring
- Review test-taking and study strategies
- Demonstrate an understanding of the CSP exam blueprint by answering sample questions
- Evaluate knowledge gaps and strengths
- Develop a study plan
- Locate resources to fill knowledge gaps and reinforce strengths

Risk Assessment & Management

Bowtie Risk Assessment

Friday, March 5 | Advanced | 3.0 CEUs

The Bowtie Risk Assessment Model is a powerful tool used to assess specific events or scenarios by visually mapping potential hazards, causes, preventive and mitigative controls, and consequences. As outlined in ASSP TR-31010, Bowtie analysis enables decision-makers to understand and communicate risk in a simplified and structured format, making it an essential method across industries.

This interactive course introduces participants to the concept of Bowtie analysis and its application in risk identification, assessment, and communication. Participants will explore the use of singular risk assessment methods (e.g., JHA, FMEA, LOPA, JRA) and how these can integrate into a Bowtie framework. The course includes real-world case studies, hands-on exercises, and exposure to advanced Bowtie applications such as Striped and Cascading Bowtie Models. You must bring a laptop to participate in the course.

Your registration includes a digital copy of ASSP TR-31010-2020 Risk Management: Techniques for Safety Practitioners – Technical Report and the Risk Management Tools for Safety Professionals Book (PDF version only).

Instructor(s): Bruce K Lyon, P.E., CSP, SMS

Learning Outcomes:

- Define and distinguish between prevention and mitigation within the Bowtie model
- Compare and evaluate singular risk assessment methods and their integration with Bowtie analysis
- Apply the Semi-Quantitative Bowtie method to assess complex, real-world scenarios
- Recognize the limitations of traditional Bowtie analysis and identify when advanced methods are needed

- Interpret and utilize Quantitative Bowtie Risk Assessment techniques for high-risk operations
- Demonstrate the use of Striped and Cascading Bowtie Models across industry-specific applications

Electrical Safety in the Workplace

Monday, March 1 – Tuesday, March 2 | Intermediate | 3.0 CEUs

Prevent electrical incidents in the workplace by building the knowledge and skills needed to identify hazards, assess risk and implement effective control measures. Based on NFPA 70E (2027), this course focuses on establishing electrically safe work conditions, managing shock and arc flash hazards, and making informed decisions when energized work cannot be avoided.

You will learn how to develop and implement an electrical safety program, apply lockout/tagout (LOTO) procedures, conduct risk assessments and implement protective measures to manage electrical hazards. The course also covers how to determine when energized electrical work is justified and how to control that work through a formal energized work permit process. This course will include access to NFPA 70E, Standard for Electrical Safety in the Workplace (2027 Edition) for one year.

Instructor(s): Wes Wheeler, SMP, CEMCP, MSP

Learning Outcomes:

- Identify electrical hazards and apply risk assessment principles to determine appropriate control measures
- Establish electrically safe work conditions through proper energy isolation, lockout/tagout procedures and verification of absence of voltage
- Manage electrical hazards using shock and arc flash risk assessments, approach boundaries, PPE and electrical system awareness tools
- Evaluate and authorize energized electrical work using defined justification criteria, risk assessments and permit requirements

Enterprise Risk Management for Safety Professionals

Wednesday, March 3 – Thursday, March 4 | Advanced | 3.0 CEUs

Examine and learn how to apply the principles, framework and process of enterprise risk management (ERM) from an occupational safety and health (OSH) perspective. Learn how to integrate OSH into the ERM framework. Review components of an effective risk management process and develop methods to assess, treat, monitor and communicate risk. Develop a solid knowledge of risk management initiatives to reduce risk to an acceptable level. Gain in-depth, hands-on experience working through practical applications of risk management methods. You must bring a laptop to participate in the course.

Your registration includes a copy of ASSP TR-31010-2020 Technical Report: Risk Management-Techniques for Safety Practitioners and Assessing & Managing Risk: an ERM Perspective (PDF version only).

Instructor(s): Bruce K Lyon, P.E., CSP, SMS

Learning Outcomes:

- Develop upper-level risk management skills and required knowledge
- Review the ISO 31000 family of standards with the view toward integrating OSH into the ERM framework and within the OSH management system
- Gain deep understanding of the risk management techniques
- Identify ways to effectively assess, treat, monitor and communicate risk
- Apply the risk-based decision-making model

Incident Investigation Techniques

Monday, March 1 – Tuesday, March 2 | Beginner | 3.0 CEUs

Master the essential knowledge and practical skills needed to investigate workplace incidents — such as accidents, near misses, environmental releases, and safety concerns — with confidence and accuracy. Apply a structured, systematic approach to uncover root causes, gather and analyze evidence, interview witnesses effectively, and develop impactful corrective actions that prevent recurrence and strengthen workplace safety.

Leverage a fact-based, data-driven methodology to move beyond regulatory minimums and build a proactive, sustainable safety culture that delivers real organizational value.

Designed for safety professionals, HR personnel, supervisors, and managers, this course offers tools and frameworks that align with OSHA, ISO 45001, and other global standards.

You must bring a laptop to participate in the course.

Your registration includes a digital copy of Accident Investigation Techniques, Third Edition — Book (PDF version only).

Instructor(s): Peter Sturm, CRSP

Learning Outcomes:

- Demonstrate knowledge of incident investigation principles
- Respond effectively to workplace incidents
- Collect and document evidence systematically
- Conduct objective interviews
- Analyze incidents to determine root causes
- Recommend and communicate corrective actions
- Prepare professional investigation reports
- Contribute to organizational learning

Prevention Through Design

Wednesday, March 3 – Thursday, March 4 | Intermediate | 3.0 CEUs

Gain practical guidance on how to apply prevention through design (PTD), a core methodology for reducing risk. As defined in ANSI/ASSP Z590.3-2021, a widely used voluntary national consensus standard, PTD provides a framework and process for implementing risk assessment concepts in the various phases of a system's life span — from initial concept and design to use and then decommission. Review the various risk assessment tools and methods identified in the standard and discuss the PTD hierarchy of risk treatment. Practice applying PTD methods and concepts to real-world incidents as you work through assignments. This course is the second in a three-course series for obtaining ASSP's Risk Management Certificate.

You must bring a laptop to participate in the course.

Your registration includes a copy of ANSI/ASSP Z590.3-2021 Prevention through Design Guidelines for Addressing Occupational Hazards and Risks in Design and Redesign Processes.

Instructor(s): Georgi Popov, Ph.D., CSP, ARM, SMS, QEP

Learning Outcomes:

- Review the role of prevention through design in the risk assessment/management process
- Develop deeper understanding of various tools for PTD interventions and product design

- Assess the PTD hierarchy of risk treatment
- Practice applying PTD methods and concepts to real-world examples
- Discuss effective ways to align safety and health interventions with business goals and objectives
- Develop a PTD implementation plan

Risk Assessment & Management for Safety Professionals

Monday, March 1 – Tuesday, March 2 | Beginner | 3.0 CEUs

An effective risk assessment and management process helps you identify potential hazards and reduce risk to an acceptable level. Review the risk management process — which includes establishing risk criteria and context, risk identification, risk analysis, risk evaluation, risk treatment, risk monitoring and reporting, and risk communication. This course is the first in a three-course series for obtaining ASSP's Risk Management Certificate.

You must bring a laptop to participate in the course.

Your registration includes a copy of ASSP TR-31010-2020 Technical Report: Risk Management - Techniques for Safety Practitioners.

Instructor(s): Georgi Popov, Ph.D., CSP, ARM, SMS, QEP

Learning Outcomes:

- Implement the risk management process
- Demonstrate the need for management to support risk treatment plans and efforts
- Apply risk assessment tools, techniques, and methods
- Measure the effectiveness of the risk management process to support your organization's objectives

Safety Management Systems

Fundamentals of Occupational Health & Safety Management Systems

Monday, March 1 | Beginner | 1.5 CEUs

Enhance your ability to assess and optimize your organization's occupational health and safety (OHS) management system. Delve into ANSI/ASSP Z10 and ISO 45001 and gain the critical skills you need to determine the most fitting approach for your organization. Hone your systems thinking skills so you can better lead your organization's efforts to solve persistent challenges and broaden the spectrum of viable solutions. Employ practical tools and proven methodologies to systematically improve both organizational and human performance. This course is part of ASSP's Occupational Health & Safety (OHS) Management Systems Certificate. You can earn the certificate by completing any three courses in our program, but we recommend you complete all five courses to earn our advanced certificate and get the most value for you and your organization. We strongly encourage you to complete this course before taking any other course, although it's not required.

Instructor(s): Danyle Hepler, CSP, CPEA

Learning Outcomes:

- Recognize the core elements of an effective OHS management system
- Identify and assess your organization's assumptions and beliefs and how they impact OHS performance
- Select an appropriate management system standard or guideline for an organization
- Analyze the difference between systems thinking and conventional thinking

- Apply systems thinking to health and safety process improvement

Integrating ISO 45001 to Manage Occupational Health & Safety

Tuesday, March 2 – Wednesday, March 3 | Intermediate | 3.0 CEUs

Developed by OSH experts, our course shares valuable insights into the development and practical implementation of ISO 45001, the globally recognized standard on occupational health and safety management systems (OHSMS). You will build the knowledge and skills to help you integrate ISO 45001 into your organization's overall business operations and objectives. By looking at OHS management through the lens of ISO 45001, you'll discover new strategies to help your organization safeguard your workers, improve your brand reputation, increase supply chain resilience and boost overall organizational performance. This course is part of ASSP's Occupational Safety and Health (OSH) Management Systems Certificate. Earn the certificate by completing any three courses, but we recommend registering for all five courses to get the most value for you and your organization.

Your registration includes a copy of ANSI/ASSP/ISO 45001-2018 Occupational Health and Safety Management Systems - Requirements with Guidance for Use; ASSP/ISO TR-45002-2023 Occupational Health and Safety Management Systems - General Guidelines for the Implementation of ISO 45001-2018; and ASSP/ISO TR-45001-2021 Occupational Health and Safety Management Systems – A Practical Guide for Small Organizations.

Instructor(s): Victor M. Toy, CSP, CIH

Learning Outcomes:

- Recognize the evolution, value and benefits of an OHSMS that follows ISO 45001
- Describe the rationale behind the standard's requirements
- Define key terminology and guidelines for continual improvement
- Review practical techniques and actions to implement ISO 45001
- Assess current practices and identify action steps you can take to improve your organization's OHS performance
- Identify how ISO 45001 can complement other organizational management systems

Integrating Z10 to Manage Occupational Safety and Health

Tuesday, March 2 – Wednesday, March 3 | Intermediate | 3.0 CEUs

Elevate your outcomes with our course on ANSI/ASSP Z10, one of the leading voluntary consensus standards on occupational health and safety management systems (OHSMS). We will share practical insights about effective management systems with an emphasis on increasing collaboration and optimizing resources in any business or industry. You will come away equipped with the knowledge and skills you need to integrate an OHSMS into your business processes to proactively manage occupational risks. Through real-world examples and practical exercises, you will develop a road map to transition from a fragmented approach to a strategic systems mindset. You'll also gain unique perspectives from the new view of safety and human and organizational performance (HOP) principles embedded in ANSI/ASSP Z10. This course is part of ASSP's Occupational Safety and Health (OSH) Management Systems Certificate. Earn the certificate by completing any three courses, but we recommend registering for all five courses to get the most value for you and your organization.

Your registration includes a copy of the Z10.0-2019 standard — Occupational Health and Safety Management Systems; ASSP GM-Z10.100-2024 Guidance and Implementation Manual for ANSI/ASSP Z10.0-2019 Occupational Health and Safety Management Systems; and ASSP GM-Z10.101-2019 Guidance Manual: Keep Your People Safe in Smaller Organizations.

Instructor(s): Danyle Hepler, CSP, CPEA

Learning Outcomes:

- Recognize and assess the major elements of your organization's OHSMS
- Describe the essential requirements of ANSI/ASSP Z10 and how the elements interact to produce continual improvement
- Identify systems, processes, their characteristics and interdependencies
- Implement the requirements of Z10 based on systems thinking
- Apply relevant human and organizational performance (HOP) principles while improving your OHSMS
- Determine your organization's readiness to improve its OHSMS by identifying its deficiencies and opportunities for continual improvement
- Implement strategies to integrate the OHSMS with other business processes

Safety Management I

Monday, March 1 – Wednesday, March 3 | Beginner | 3.0 CEUs

Occupational safety and health (OSH) processes have fundamental elements and conditions required by regulatory agencies. Develop a foundational understanding of these elements and examine techniques for creating an effective safety management system. Build on or confirm the current conditions of your OSH process to create a road map for an effective safety management system. This course is the first in a three-course series for obtaining ASSP's Safety Management Certificate.

Instructor(s): Joel Tietjens, CSP, CSHM, FASSP

Learning Outcomes:

- Apply proven techniques to establish accountability for safety efforts
- Identify the elements of a safety management system and discuss strategies for implementing them
- Write effective policy statements and performance standards to help your management team execute its safety responsibilities
- Develop the ability to promote safety to various levels in the organization
- Describe the moral, financial, and legal responsibilities of today's safety professional
- Create strategies to control workers' compensation costs
- Establish a budget for a safety management effort

Safety Management II

Thursday, March 4 – Friday, March 5 | Beginner | 3.0 CEUs

Occupational safety and health (OSH) processes have fundamental elements and conditions required by regulatory agencies. Develop a foundational understanding of these elements and examine techniques for creating an effective safety management system. Build on or confirm the current conditions of your OSH process to create a road map for an effective safety management system. This course continues the series toward obtaining ASSP's Safety Management Certificate.

Instructor(s): Joel Tietjens, CSP, CSHM, FASSP

Learning Outcomes:

- Apply proven techniques to establish accountability for safety efforts
- Identify the elements of a safety management system, and discuss strategies for implementing them

- Write effective policy statements and performance standards to help your management team execute its safety responsibilities
- Develop the ability to promote safety to various levels in the organization
- Describe the moral, financial and legal responsibilities of today's safety professional
- Create strategies to control workers' compensation costs
- Establish a budget for a safety management effort

Corporate Safety Management

Wednesday, March 3 – Friday, March 5 | Intermediate | 3.0 CEUs

Learn new ways to tackle challenges, craft solutions and apply the skills needed to successfully position safety in your organization. Explore corporate management systems and organizational cultures and develop insight on how you can influence them from a safety perspective. You will review corporate reporting relationships, occupational safety and health (OSH) staffing and the tenets of OSH management systems. You will also use tools to assess your organization's current safety process and identify ways to adjust it to achieve desired state. Develop your ability to apply negotiation and leadership skills to influence decision-making that affects corporate structure. Take away a new understanding of how to apply corporate safety management concepts and systems and how to lead and influence positive outcomes that change your workplace. This course is the third in a three-course series for obtaining ASSP's Safety Management Certificate.

Instructor(s): James 'Skipper' Kendrick, Jr., CSP, FASSP

Learning Outcomes:

- Develop a safety management system to support your organization's strategic and business goals
- Effectively assess and measure your organization's safety performance
- Discuss the influence of corporate culture and develop skills to effect changes that help your organization embrace OSH efforts
- Justify where the safety function is best positioned within your organization's corporate structure
- Apply leadership, negotiation and communication skills to positively influence corporate safety management system
- Analyze key initiatives for creating high-impact safety performance
- Define and discuss best practices for safety performance enhancement
- Analyze appropriate adjustments to the safety effort in response to corporate mergers, downsizing, rightsizing and reorganizing