

# Course Catalog

FEBRUARY 2025



## SafetyFOCUS®

Exclusively Offered By:  
American Society of Safety Professionals

February 3-7, 2025 | Las Vegas, NV

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# BUSINESS & LEADERSHIP

## Advanced Safety Management Methods

Monday, February 3 – Wednesday, February 5 | Advanced | 2.1 CEUs |

Safety management no longer is a compliance-driven approach to systems, best practice thinking and concepts. This contemporary approach is influencing the way safety professionals deliver guidance and direction to their organizations. Whether you are an executive-level safety professional or an emerging safety leader, you will develop knowledge and tools to greatly improve safety performance in your organization. This course is the first in a second-course series for obtaining ASSP's Leadership in Safety Management Certificate.

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

### Learning Outcomes:

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

## Influential Leadership Skills

Thursday, February 6 – Friday, February 7 | Advanced | 1.4 CEUs |

Safety has evolved from a function that provides only technical expertise to one that provides leadership at all levels of an organization. Contemporary safety professionals must influence executive management through effective guidance and direction. Whether you are an executive-level safety professional or an emerging safety leader, you will learn the principles of leadership, strategic thinking and planning; discuss techniques for influencing executive, middle and line management; review expected ethical behavior; and discuss how to select the best management model to improve your organization's safety performance. This course is the second in a second-course series for obtaining ASSP's Leadership in Safety Management Certificate.

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

### Learning Outcomes:

- Apply the principles of leadership, participating in strategic thinking and planning to lead organizational safety
- Determine the occupational safety and health (OSH) model that would most benefit your organization
- Demonstrate the unique traits of successful leaders to inspire and influence workers to improve safety performance
- Develop a stronger connection to your executive, middle and line leaders
- Integrate new concepts in OSH management and leadership into your organization

# CERTIFICATION PREPARATION

## Associate Safety Professional (ASP) Exam Preparation

Wednesday, February 5 – Friday, February 7 | Beginner | 2.1 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, February 5 – Friday, February 7 | Intermediate | 2.1 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, CIT

### Learning Outcomes:

- Describe the CSP exam blueprint
- Describe the Pearson VUE testing process
- Describe the 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

# Construction Health and Safety Technician (CHST) Exam Preparation

Wednesday, February 5 – Friday, February 7 | Intermediate | 2.1 CEUs |

Learn what you need to know to pass the Construction Health and Safety Technician (CHST) certification exam. Complete practice questions and review answers that align with the Board of Certified Safety Professionals (BCSP) blueprint for the CHST 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):** Richard Lindsey, CSP, SMS

## Learning Outcomes:

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

# Math Review for Certification Exams

Tuesday, February 4 | Beginner | 0.7 CEUs |

Review the basic mathematic principles you need to pass your certification exams. This course will include math examples typically found on exams and help you review how to solve relevant math problems. **You need a TI-30XS scientific calculator to participate in this course.**

**Instructor(s):** Richard Lindsey, CSP, SMS

## Learning Outcomes:

- Demonstrate how to operate a scientific calculator or calculator emulator
- Perform metric and English conversions
- Solve for variables in an equation
- Use exponents, scientific notation, and answer-significant digits
- Apply formulas and conversions commonly used on safety certification tests
- Solve basic sample math problems related to:
  - Area
  - Volume
  - Algebraic
  - Trigonometry
  - Statistics
  - Finance
  - Noise
  - Radiation

# RISK ASSESSMENT & MANAGEMENT

## Risk Assessment & Management for Safety Professionals

Monday, February 3, Tuesday, February 4 | Intermediate | 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. **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.** This course is the first in a three-course series for obtaining ASSP's Risk Management Certificate.

**Instructor(s):** Pamela J Walaski, CSP, FASSP

### 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

## Prevention Through Design

Wednesday, February 5 – Thursday, February 6 | 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 modules that include short videos, scenarios, interactive tools, and assignments. **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.** This course is the second in a three-course series for obtaining ASSP's Risk Management Certificate.

**Instructor(s):** Deb Roy, CSP, FASSP

### 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

# Enterprise Risk Management for Safety Professionals

Wednesday, February 5 – Thursday, February 6 | 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.

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

## 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

# SAFETY MANAGEMENT SYSTEMS

## Corporate Safety Management

Monday, February 3 – Wednesday, February 5 | Intermediate | 2.1 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 Boretti, CSP

## 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

# Fundamentals of Occupational Health and Safety Management Systems

Monday, February 3 | 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 five-course Occupational Health & Safety (OHS) Management Systems Certificate program led by renowned experts. 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. Note: This is the first course in this program. 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
- Use tools and methods that create a deeper understanding of operations, processes and performance, leading to more effective long-term improvements

# Integrating Z10 to Manage Occupational Safety and Health

Tuesday, February 4 – Wednesday, February 5 | 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. **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.**

This course is part of ASSP's five-course Occupational Safety and Health (OSH) Management Systems Certificate program led by renowned experts. 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.

**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

## Integrating ISO 45001 to Manage Occupational Health & Safety

Tuesday, February 4 – Wednesday, February 5 | 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. **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.**

This course is part of ASSP's five-course Occupational Safety and Health (OSH) Management Systems Certificate program led by renowned experts. 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.

**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

## Management Systems Auditing

Thursday, February 6 | Advanced | 1.5 CEUs |

Immerse yourself in practical strategies for auditing occupational health and safety management systems (OHSMS) in accordance with ANSI/ASSP Z10 or ISO 45001. Explore the key elements of an internal OHSMS audit program and master the skills you need to plan and execute internal audits. Improve your ability to document nonconformities, critically evaluate corrective actions and assess the effectiveness of your audit program. Deepen your knowledge of audit processes and practice applying this knowledge to complete an OHSMS audit. **Your registration includes a copy of ANSI/ASSP/ISO 45001-2018 Occupational Health and Safety Management Systems - Requirements with Guidance for Use.**

This course is part of ASSP's five-course Occupational Health & Safety (OHS) Management Systems Certificate program led by renowned experts. 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. Note: This is the fifth and last course in this program. We strongly encourage you to complete this course as per the planned sequence, although it's not required.

**Instructor(s):** Kenneth A. Clayman, SMS

### Learning Outcomes:

- Review benefits of management systems audits
- Develop deeper understanding of auditing process and practices
- Use tools to develop an OHSMS internal auditing program
- Plan and complete internal OHSMS audits using various real-life scenarios
- Discover ways to continually improve your organization's OHSMS

## Project Manage Implementation of an Occupational Health & Safety Management System

Thursday, February 6 | Advanced | 1.5 CEUs |

Embark on a strategic journey to implement a robust occupational health and safety management system (OHSMS) for your organization. This course teaches you how to develop an effective implementation plan and provides expert guidance on securing organizational buy-in and managing budget, scope, and timeline, all aligned with your OHSMS objectives. Identify key factors that influence project success or failure. Using your comprehensive OHSMS project plan, you will pave the way for enhanced occupational health and safety performance, regardless of the chosen management system.

This course is part of ASSP's five-course Occupational Health & Safety (OHS) Management Systems Certificate program led by renowned experts. 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. This is the fourth course in this program. We strongly encourage you to complete this course as per the planned sequence, although it's not required.

**Important Note: You should complete one of these courses prior to enrolling in this course.**

Integrating ISO 45001 to Manage Occupational Health & Safety

Integrating Z10 to Manage Occupational Health & Safety

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

### Learning Outcomes:

- Define your objective for OHSMS implementation
- Explain and sell the concept to various stakeholders
- Apply project management principles to design your OHSMS implementation plan
- Implement the plan while gaining internal and external cooperation
- Track, document and manage your plan to ensure it meets the overall objectives

## Safety Management I

Monday, February 3 – Wednesday, February 5 | Beginner | 2.1 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):** James 'Skipper' Kendrick, Jr, CSP, 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, February 6 – Friday, February 7 | Beginner | 1.4 CEUs |

Build on what you learn in Safety Management I to take steps to implement a safety management system within your organization and practice techniques to measure its effectiveness. You will also gain insight and practical guidance on how to strengthen an existing safety management system. This course is the second in a three-course series for obtaining ASSP's Safety Management Certificate.

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

### Learning Outcomes:

- Review various types of safety management systems and evaluate their application to the safety function
- Practice methods for assessing the performance of a safety management system
- Evaluate leading metrics and determine how they may benefit your organization
- Use effective leadership and communication skills, training and ethical behavior to improve safety performance