

# H S E

HEALTH

SAFETY

ENVIRONMENT



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## **Associate Safety Professional (ASP) Examination Preparation Workshop**

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**Duration:** 5 Days



### **Introduction:**

Gain the knowledge and confidence to pass the Safety Fundamentals examination leading to the ASP designation with this review of OSH concepts and test-taking strategies.

This workshop will review hundreds of questions addressing all four domains covered in the exam blueprint that will guide you toward full competency in the field of OSH.

### **Course Objectives:**

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**By the end of this course delegates will be able to:**

- recognizing Safety, Health, and Environmental Hazards
- Measuring, Evaluating, and Controlling Safety, Health, and Environmental Hazards
- Safety, Health, and Environmental Training and Management
- Business Principles, Practices, and Metrics in Safety, Health, and Environmental Practice
- About certification requirements and scoring procedures in your test preparation
- To identify areas where additional preparation is needed

## **Course Outline:**

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### **Domain 1: Mathematics**

- Chemistry and Industrial Hygiene Calculations
- Electrical Calculations
- Radiation Calculations
- Structural and Mechanical Calculations
- Engineering Control Calculations
- Physics Calculations
- Financial Principles
- Statistics
- Performance Metrics and Indicators

### **Domain 2: Safety Management Systems**

- Risk Management and Hazard Control Process
- Management Processes
- Project Management
- Systems Safety
- Fleet Safety
- Safety Programs

### **Domain 3: Ergonomics**

- Human Factors
- Measurement and Monitoring
- Controls

### **Domain 4: Fire Prevention and Protection**

- Fire and Explosion Hazards
- Fire Controls
- Fire and Emergency Management

### **Domain 5: Occupational Health**

- Biological Hazards and Controls
- Chemical Hazards and Controls
- Physical Hazards and Controls

### **Domain 6: Environmental Management**

- Environmental Hazards
- Engineering Controls
- Administrative Controls and Practices
- Hazardous Waste Storage and Disposal

### **Domain 7: Training, Education, and Communication**

- Training and Education Methods
- Communication and Group Dynamics