



## **Certified Safety, Health, Environmental Technician (CSHET™) Course**

**72 Hrs - CEU's 9.5**

**Professional Credential: Certified Safety, Health, Environmental Technician (CSHET™)**

**(Note: Refresher certification is required every three years to maintain professional credential.)**

**Course Fees: \$1695.00**

### **About the certification:**

The Certified Safety, Health & Environmental Technician (CSHET)™ is the second highest professional credential in the International Assoc. of Safety Health Environmental Professional (IASHEP) organization. Certified Safety, Health & Environmental Technician (CSHET™) is on the front line of implementing policy and equipment that contribute towards general safety, health & environmental quality. While not responsible for deciding on organizational policy, they will act under the instructions of those who do make decisions such as safety, health & environmental managers. Together, they will report back to line managers on such issues as compliance, devices to install, methods and implementation. They may act as a go-between for front-line employees and the decision makers in an advisory capacity or consulting.

They will need to understand and keep up with modern developments safety, health & environmental regulations, national and international consensus standards and understand engineering principles. Although the Certified Safety, Health & Environmental Technician (CSHET™) do not design the engineering technology, one of their roles may be to inspect drawings, inspect installation,

implement procedures, repair and replace equipment – which means being qualified and experienced enough to do so. They will be licensed where necessary to implement such changes and repairs.

The Certified Safety, Health & Environmental Technician (CSHET™) will have extensive knowledge of safety, health and environmental policy and law as it pertains to the environment in which they work and will develop procedures for the implementation.

### **Course Description:**

The International Assoc. of Safety, Health & Environmental Professionals (IASHEP) Certified Safety, Health & Environmental Technician (CSHET™) professional credential is the second highest professional credential in our organization. The Certified Safety, Health & Environmental Technician (CSHET™) is designed to provide SH&E professionals with multidisciplinary knowledge concerning well-known hazards and risks, and the elimination or reduction of work-related fatalities, injuries, and risk reduction. Students will develop skills used in supporting and monitoring of compliance in organizations regarding hazard and risk assessment, controls, and established procedures for their management.

### **Topics:**

- Principles of Occupational Safety and Health Management
- Hazard Recognition, Evaluation and Control
- Safety Communication
- Employee Involvement
- Incident Reporting and Investigating
- Job Safety Analysis
- Introduction to Safety Training
- How to Develop Effective Safety Teams
- How to Conduct Proper Safety Inspections
- Introduction to OSHA
- Introduction to Industrial Hygiene
- The Hazard Communication Standard
- Introduction to Ergonomics

- Introduction to Personal Protective Equipment
- Introduction to Injury and Illness Recordkeeping for OSHA
- How to Develop an Effective Emergency Action Plan
- How to Develop Proper Safety Orientation

**Prerequisite N/A**

**Required Text**

Course materials are provided to students at no extra cost.

**Student Learning Outcomes**

1. Design effective occupational safety and health training that meets workplace needs.
2. Accurately interpret workplace occupational safety and health performance measurements for effective and continual improvement.
3. Solve applied science problems, using the techniques, skills, and modern tools necessary to perform basic occupational safety and health functions.
4. Conduct experiments or test theories.
5. Analyze and interpret data using scientific methods.
6. Analyze the benefits and consequences of making legal, moral, and sustainable occupational safety and health actions.
7. Communicate in various settings, both orally and in writing, using professional standards.
8. Collaborate with individuals in a culturally responsive manner.

**Audience**

This course will be valuable for:

- Safety, Health and Environmental Professionals,
- Safety & Health Committee Members

- Government Inspectors
- Electrical Managers & Supervisors
- General Industry and Construction Personnel
- Safety & Health Professionals
- Training Managers
- Industrial Hygienists
- Environmental Professionals

**Testing:** Students completing the course must take a proctored final exam.

A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

