

Environmental Health and Safety Academy XXIV Monday, March 29, 2021 - Friday, April 30, 2021 | Virtual CE course

Canvas Course ID 342

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Overview: The Environmental Health & Safety Academy is a unique course designed to provide you with the general skills needed to identify, evaluate and control workplace hazards, particularly those found in academic and research settings. Proudly, this is the 24th time the course has been offered, and the first ever virtually!

The 2021 EH&S Academy is offered virtually through a collaboration between the Southwest Center for Occupational and Environmental Health (SWCOEH) and Office of Safety, Health, Environment & Risk Management (SHERM) at The University of Texas Health Science Center at Houston, and the University of California Riverside Risk and Safety Training Center of Excellence.

The objectives of the EH&S Academy are to:

1. Outline how universities and research organizations function, including their basic characteristics.
2. Summarize the basic knowledge and procedures associated with risk management and insurance, fire and life safety, radiation, chemical and biological safety and environmental protection programs.
3. Develop key performance measures and metrics customized for your safety program.
4. Design and deliver the most appropriate strategies of presenting performance measures and metrics to key constituencies, including upper management and regulatory officials.
5. Identify the most common safety compliance challenges encountered in practice.
6. Choose the most appropriate strategies to prevent safety problems.
7. Identify strategies for implementing the following safety programs: risk management & insurance, fire & life safety, radiation, chemical and biological safety, and environmental protection programs.
8. Choose the most appropriate strategies to maintain a safe work environment.

Southwest Center for Occupational
and Environmental Health



Important document to use throughout the course:

1. User Guide for Accessing Instructure Canvas: <http://bit.ly/ehsa2021-canvas>

EH&S Academy Agenda

Week / Date	Requires your scheduled participation (synchronous)	To be completed on your own time within week (asynchronous)
<p>Access anytime Thursday, March 25 - Sunday, March 28, 2021</p>	<p>Once you are successfully registered and enrolled in the course, check your email inbox for Instructure Canvas access information.</p> <p>***Important*** Make sure you can successfully log-in and access course in Instructure Canvas prior to Monday, March 29th. Please click to following link to read the User Guide for Accessing Instructure Canvas document.</p>	<p>Review and complete pre-course activities: (Platform: Instructure Canvas)</p> <ul style="list-style-type: none"> ▪ Participant Introduction on Discussion Board. ▪ Welcome, Introduction, Objectives, and Review of Virtual Format.
<p>Week 1</p> <p>Start: Monday, March 29, 2021</p>	<p>Monday, March 29, 2021 10:00am - 12:00pm CST (live session) (Platform: Webex)</p> <p>As a group, we will review and discuss:</p> <ol style="list-style-type: none"> 1. Welcome, introductions, course objectives, review of virtual format. 2. Understanding how universities work. 3. The 50 questions any safety professional should be able to answer. 4. Explanation of asynchronous assignments for Week 1. 	<p>Review/complete on your own within Week 1: (Platform: Instructure Canvas)</p> <p>Topics:</p> <ul style="list-style-type: none"> ▪ Review 50 questions and answers in detail ▪ Risk Management and Insurance Basics ▪ Fire and Life Safety Basics ▪ Occupational Safety Basics
<p>Week 2</p> <p>Start: Monday April 5, 2021</p>	<p>Monday, April 5, 2021 10:00am - 12:00pm CST (live session) (Platform: Webex)</p> <p>As a group, we will review and discuss:</p> <ol style="list-style-type: none"> 1. Review of asynchronous assignments from Week 1. 2. EHS Metrics that Matter: Inputs and Outcomes. 3. Compelling Display of EHS Metrics. 4. Explanation of asynchronous assignments for Week 2 	<p>Review/complete on your own within Week 2: (Platform: Instructure Canvas)</p> <p>Topics:</p> <ul style="list-style-type: none"> ▪ Chemical Safety Basics ▪ Hazard Communication ▪ Chemical Protocol Review ▪ Surveillance ▪ Emergency Response ▪ Communicating Success – Metrics ▪ Noise and Hearing Conservation ▪ Respiratory Protection ▪ Intro to industrial hygiene and instruments ▪ Basic ergonomic assessments

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<p>Week 3</p> <p>Start: Monday, April 12, 2021</p>	<p>Monday, April 12, 2021 10:00am - 12:00pm CST (live session) (Platform: Webex)</p> <p>As a group, we will review and discuss:</p> <ol style="list-style-type: none"> 1. Review of asynchronous assignments from Week 2. 2. Selling your safety program. 3. EHS Moments that matter. 4. Top 10 false assumptions in EHS. 5. Findings from the “EMA” research project. 6. Explanation of asynchronous assignments for Week 3. 	<p>Review/complete on your own within Week 3: (Platform: Instructure Canvas)</p> <p>Topics:</p> <ul style="list-style-type: none"> ▪ Biosafety basics ▪ Bloodborne pathogens overview ▪ Infectious Substances Shipping ▪ Disinfection/ decontamination/ sterilization ▪ NIH Guidelines overview ▪ Select agents, bioterrorism, and dual use research basics ▪ Hazardous waste basics ▪ Hazardous waste management basics ▪ Supplementary PDFs (waste stream analysis, chem log, monthly numbers, etc.) ▪ Environmental Programs basics ▪ Environmental Program management basics ▪ Supplementary PDFs (emergency generator use log, etc.)
<p>Week 4</p> <p>Start: Monday, April 19, 2021</p>	<p>Monday, April 19, 2021 10:00am - 12:00pm CST (live session) (Platform: Webex)</p> <p>As a group, we will review and discuss:</p> <ol style="list-style-type: none"> 1. Review of asynchronous assignments from Week 3. 2. Safety ethics and safety culture. 3. Effectively communicating EHS information through mass media. 4. Explanation of asynchronous assignments for Week 4. 	<p>Review/complete on your own within Week 4: (Platform: Instructure Canvas)</p> <p>Topics:</p> <ul style="list-style-type: none"> ▪ Radiation safety basics ▪ Public health significance ▪ Recognizing common radiation hazards ▪ Radiation measures to communicate to upper management ▪ Snapshots of a Radiation Safety Program ▪ Occupational health programs ▪ Insider threat risks ▪ Effectively managing the underexposed

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<p>Week 5</p> <p>Start, Monday, April 26, 2021</p> <p>Course closes on Friday, April 30, 2021</p>	<p>Monday, April 26, 2021 10:00am - 12:00pm CST (live session) (Platform: Webex)</p> <p>As a group, we will review and discuss:</p> <ol style="list-style-type: none"> 1. Review of asynchronous assignments from Week 4. 2. Professional development strategies for EHS programs. 3. Obtaining feedback about your safety program. 4. Course review and discussion 	<p>Review/complete on your own by Friday, April 30, 2021. (Platform: Instructure Canvas)</p> <p>Topics:</p> <ul style="list-style-type: none"> ▪ Final course assessment. ▪ Course evaluation. ▪ Save material for future reference by Friday, April 30, 2021.