

Environmental Health & Safety Academy XXV – Part 2
March 27 – April 10, 2023



Contacts:

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Southwest Center for
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The **Environmental Health & Safety Academy** is a unique course designed to provide you with the skills needed to identify, evaluate and control workplace hazards, particularly those found in academic and research settings. Part II of this course, will provide a breadth of information on the important hard science topics that are essential for the profession. This is the twenty fifth time the course will be offered.

Webex Session 1: Monday, March 27, 2023 from 9:00 am - 1:00 pm CDT

9:00-9:15	Welcome, Introductions, Course Objectives	Dr. Robert Emery, Dr. Scott Patlovich
9:15-10:15	Risk Management and Insurance Basics and How it Relates to EHS	Mr. Bryan Evans
10:15-10:30	Break	
10:30-11:45	Fire and Life Safety Basics	Mr. Snehal Rana
11:45-1:00	Occupational Safety Basics	Mr. Snehal Rana

Webex Session 2: Monday, April 3, 2023 from 9:00 am - 1:00 pm CDT

9:00-9:15	Asynchronous course content review – Q&A	Mr. Bryan Evans, Mr. Snehal Rana
9:15-10:45	Chemical Safety Basics	Dr. Will Bryan
10:45-11:00	Break	
11:00-11:30	Occupational Health Programs	Dr. Brett Perkison
11:30-1:00	Hazardous Waste Management Basics	Mr. Alan Lucas

Webex Session 3: Monday, April 10, 2023 from 9:00 am - 1:00 pm CDT

9:00-9:15	Asynchronous course content review – Q&A	Dr. Will Bryan, Mr. Robert Plant, Mr. Alan Lucas
9:15-10:45	Biological Safety Basics	Dr. Kristin King
10:45-11:00	Break	
11:00-11:30	Basic Ergonomics Assessments	Mr. Robert Plant
11:30-1:00	Radiation Safety Basics	Dr. Janet Gutierrez

Notes:

- Canvas site will be set up with all learning materials available for review and download
- Presenters will provide a live virtual presentation with condensed format of presentation material; all remaining material will be provided to participants for “asynchronous learning” in Canvas.
- Participants will be encouraged to review all asynchronous learning content and post questions/discussion to the Forum/Discussion section on Canvas, and/or come prepared to discuss with the technical experts during the first 15 minutes of the following week session (week 1 and 2 only).
- Presenters (subject matter experts) will be available throughout the week to check the Forum/Discussion and provide responses in writing as necessary. Also, presenters (subject matter experts) will be available the following week to answer questions and hold discussion for the first 15-minute session (week 1 and 2 only).
- Q&A for week 3 technical content will be Forum/Discussion only.

Objectives:

- 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
- Identify the most common safety compliance challenges encountered in practice
- Choose the most appropriate strategies to prevent safety problems
- Implement the following safety programs: risk management & insurance, fire & life safety, radiation, chemical and biological safety, and environmental protection programs
- Choose the most appropriate strategies to maintain a safe work environment

This course will be conducted online through the Instructure Canvas learning management system and Webex virtual meetings.

Each Monday, we will kick off the week by joining a live virtual presentation through Webex, which will include a review of the session agenda, and the engage in content by listening and participating in presentations with content experts, with Q&A sessions to follow.

After the Monday session, learners will have access via Canvas to the recorded presentations and Q&A discussion, along with the PDF of presentations.

Keep in touch!

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