

CIH[®] Exam Preparatory Course Spring 2024 Syllabus

Part 1: Course Information

Instructor Information

Facilitator: Tim Paz, CIH
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Office Hours: 7:30 am – 4:30 pm
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Course Description

This CIH[®] review course is designed to help you focus your studies on the key areas you need to know to successfully pass the CIH[®] exam offered by the Board for Global EHS Credentialing.

40+ hours of presentations

Separate modules for each of BGC's 17 subject area definitions (formerly known as rubrics)

Face your exam with confidence and gain a better understanding of the complex topics covered.

Students attending this course will receive a 15% discount on a CIHprep V11.0 license from DataChem Software, Inc.

Various instructors with years of industry experience will teach the course. Although not confirmed, 10 of the instructors who have expressed a desire to instruct the sessions are active CIHs and 2 are CIH-Retired Status.

Prerequisite

- None

Textbook & Course Materials

Required Text

Students will receive a copy of the Industrial Hygiene Reference and Study Guide, 4th edition.

Recommended Texts & Other Readings

Recommended resources will be made available in the course by the various instructors.

Course Requirements

- Internet connection (DSL, LAN, or cable connection desirable) at the students residence or other chosen location.
- *Students will need an internet connection to access the Zoom sessions, resources provided by instructors and to access the CIHprep V11.0 software if they choose to purchase it from DataChem Software, Inc.*

Course Structure

- The course will be delivered via lecture, discussion, and demonstration of math-based questions/problems.
- Topics to be covered will tentatively include:
 - Analytical Chemistry/Sample Analysis
 - Biological Hazards
 - Business Impact and Finances
 - Calculations Workshop
 - Chemical Health Hazards
 - Emergency Response
 - Engineering Controls/Ventilation
 - Environmental Management and Remediation
 - Epidemiology and Biostatistics
 - Ergonomics
 - Exposure Assessment and Statistics
 - IH History, Standards and Guidelines
 - IH Program Management and Risk Communication
 - Ionizing Radiation
 - Medical Considerations/Medical Surveillance
 - Noise
 - Non-ionizing Radiation
 - Particulates and Gases w/ Calculations
 - Safety including physiology, hierarchy of controls, PPE, trenching, fall protection, cranes
 - Sampling and Instrumentation

- Thermal Stress
- Toxicology
- Test Tips and Strategies
- WRAP UP

Course Schedule

- Course Start and End Dates
Start Date: March 12, 2024
End Date: May 2, 2024

- Tuesdays and Thursdays from 6PM - 9PM