

SAVING LIVES WITH WORKFORCE EDUCATION, PREPARATION & AWARENESS

SAFETY Source

2026 COURSE CATALOG

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UC San Diego
EXTENDED STUDIES

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OSHA Training Institute
Education Centers®
University of California San Diego

INSIDE

ON THE COVER



Jacob Worek, a BCSP-certified Safety Management Professional and prominent leader with the Event Safety Alliance, is depicted in action at a Shania Twain concert, surrounded by confetti, ensuring that everything behind the scenes runs safely and smoothly.

With more than two decades of experience in event production and operations, he plays a crucial role in the new Event Safety Certificate program.

WHO WE ARE



In 1992, UC San Diego's interest and suggestions helped the U.S. Department of Labor – OSHA, Office of Training and Education (OTE) to create the OSHA Training Institute Education Center (OTIEC), a network for premiere safety training. This includes universities, colleges, and non-profit organizations that provide unrivaled safety training.

UC San Diego was one of the first four authorized training centers. The UC San Diego OTIEC represents OSHA's San Francisco Region and provides courses in many locations.

TRAINING BROUGHT TO YOU



UC San Diego Division of Extended Studies' Occupational Safety and Health Department offers on-site training for utility, government, business, and other organizations. Our expert instructors specialize in designing training programs tailored to meet your unique organizational needs with a focus on cost-effective solutions that are aligned with your mission, values, and strategic goals.

For more information, see page 41 or email oshatraining@ucsd.edu.

CERTIFICATE PROGRAMS

EVENT SAFETY

The Event Safety Certificate is a one-of-a-kind, essential program for any individual who works in the live event and entertainment industry. This program began its inception in early 2020 and has now come to fruition with the dedication of industry professionals. The Advisory Committee from across the U.S. has worked diligently to bring this to the public.

PROFESSIONAL SAFETY AND HEALTH OFFICER (PSHO)

This certificate program is designed for safety professionals looking to advance their career and enhance their skill set as well as clearly define specializations within the OS&H industry.

SAFETY AND HEALTH FUNDAMENTALS

The certificate program in Safety and Health Fundamentals supports OSHA's mission by training employees in occupational safety and health to reduce incident rates for workers in state and local governments and private industry. Industry tracks are available for construction, general industry, and maritime.

SAFETY AND HEALTH SPECIALIST (SHS)

Designed to introduce participants to the occupational safety and health industry, this program includes online and one day courses, such as Introduction to Fire and Life Safety in the Workplace and Workers' Compensation for Safety Professionals.

See pages 14-21 for full details on certificate programs.

GET IN TOUCH WITH US!

OSHA TRAINING INSTITUTE EDUCATION CENTER DEPARTMENT:

For information on OSHA courses, OSHA trainer courses, prerequisite verification forms, or trainer card replacements.

Email: oshatraining@ucsd.edu

Phone: (858) 534-9271

OUTREACH TRAINER DEPARTMENT:

For information on OSHA student cards, online portal (Storefront) questions/assistance, 10/30-Hour class guidelines/documentation, trainer address/contact information changes.

Email: oti-outreach@ucsd.edu

Phone: (858) 534-9283

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EMERGENCY INCIDENT MANAGEMENT AND LEADERSHIP COURSES

UC San Diego Extended Studies is partnering with San Diego Miramar College and State Fire Training to offer the Instructor Development series. These courses are designed to meet the needs of public safety officials and beyond, helping participants learn the latest innovative teaching strategies while fulfilling the minimum requirements to teach in the State Fire Training system.

The series covers topics essential for instructors at various levels. Participants will learn how to safely, effectively, and competently teach and deliver instruction from prepared lesson plans, utilizing instructional aids and evaluation tools. The courses also focus on principles of media selection for instructional purposes, the use of computers in the classroom, and both basic and advanced forms of instructional media.

In addition, the series includes individualized instruction programs, the analysis of resources, and the formulation of program budgets. Leadership development is a major component, as participants will enhance their skills in group dynamics, problem-solving techniques, and interpersonal relations. These skills will be useful in staff meetings, brainstorming sessions, formal public meetings, panel discussions, and forums.

The complete Instructor Development series consists of over 200 hours of curriculum delivered through a combination of remote and face-to-face class meetings.

Course Information can be found on page 39.
For questions, email fireprogram@ucsd.edu.



Building Safer Stages:

HOW UC SAN DIEGO'S EVENT SAFETY CERTIFICATE IS TRANSFORMING AN INDUSTRY

By Nathan Young

On August 13, 2011, thousands of concertgoers gathered at the Indiana State Fair to see country duo Sugarland perform. But just before the music began, tragedy struck. A sudden gust of wind toppled the stage roof, killing seven people and injuring dozens more. The disaster sent shockwaves through the live events industry and revealed what many insiders already feared: event safety had been a neglected issue in America for far too long.

"It really was the turning point," recalled Jacob Worek; a longtime event professional, National Director of Safety with Rhino Staging, and member of the UC San Diego Division of Extended Studies Event Safety Certificate Advisory Committee. "Prior to that, there were conversations happening about safety, but the Indiana State Fair collapse made it clear: if we didn't self-regulate, the government would do it for us." In the months that followed, a coalition of practitioners began discussing how to codify and teach safety for live events.

These conversations led to the formation of the Event Safety Alliance (ESA) and the eventual codification of event safety guidelines and standards that are the core of the UC San Diego Division of Extended Studies Event Safety Certificate Program.

The Event Safety Certificate Program is the first such program to exist at an accredited university in the United States. It's the collective work of six professionals with diverse backgrounds and expertise from across the event industry. They came together to create something that could transform not just live event safety, but the entire field of safety standards in the US.

WHY SAFETY, WHY NOW

The need for formalized event safety training had been hiding in plain sight for far too long.

Music festivals were getting larger and more frequent, crowds were becoming more dynamic, weather events were becoming more unpredictable, and the industry itself had changed.

What was once a badge of honor—showing scars from accidents, working without personal protective equipment (PPE), general disregard for safety—had given way to a new ethos.

"It used to be 'cool' to lose half a finger," said Angie Chamberland, general manager of Washington D.C.'s 9:30 Club and member of the Event Safety Certificate Advisory Committee. "Now the conversation is: how can we do this safely and go home tonight?"



Events were also becoming larger and more complex, operating at scales that rivaled city infrastructure. The number of variables and safety contingencies that could emerge was defying promoters' ability to plan for them.

"Every event and every site is different," said Bryan Huneycutt, an event safety executive with Halo Solutions and another member of the Event Safety Certificate Advisory Committee. "There will never be a 'one-size-fits-all' way to think about event safety. The only way forward is teaching people not just what to think, but how to think about safety."

To validate his point, he referenced the famous Mike Tyson quote.

"A plan is great until you get punched in the face.' The version of that for events is, 'a plan is great... until people get involved.' But if we can teach adaptability, we can prepare people to handle the unexpected."

Case in point, another unpredictable aspect of event safety is weather.

"You can't argue with rain, lightning, or wind," said meteorologist and event safety expert Kevin Kloesel. "You need thresholds, plans, and the courage to stop a show before it's too late. The weather doesn't care if the headliner only has three songs left. You either shut down or risk people's lives."

Lastly, in the U.S., there was no true pathway to becoming an event safety professional. Safety had always been ad hoc or learned through experience. That needed to change.

There are "a lot of people with a lot of event safety knowledge, but it hasn't always been standardized or comprehensive," explained Worek, who helped launch the Event Safety Alliance. "We realized we had to create a structured, credible way to say, 'this person understands event safety.'"

THE BIRTH OF A CERTIFICATE

Ken Keberle, a longtime event safety professional and founder of the Event Safety Certificate program, had the vision for a structured certificate program. He had advocated for greater event safety throughout his career.

"I've been trying to get more event safety taught in a formal academic curriculum for over a decade," he explained. "So much of our training is anecdotal. You learn from people, you learn from doing it—but there was no true pathway. I knew we could do better."



“By partnering with a university, we give weight to the idea that safety isn’t ad-hoc. It’s professional, teachable, and essential.”

The program was developed to combine the academic rigor of a university with the on-the-ground realities of the event industry.

The curriculum, designed by working professionals, covers everything from structural safety to crowd management, severe weather, and emergency collaboration.

The courses are asynchronous but interactive, with instructor feedback and discussion built into each module. They’re designed to accommodate the unpredictable schedules and workflows of those working in the event industry.

TURNING EXPERIENCE INTO EDUCATION

To make his vision a reality, Keberle brought together a team of industry professionals to advise on the creation of the certificate program.

He recruited a stuntman, a nightclub boss, a meteorologist, a fire marshal, and a DIY show promoter. It almost reads like the scrappy band of unlikely heroes from a comedic crime thriller, but in truth, this is an all-star team of event safety experts who cover everything from crowds to weather, codes to culture, and construction to compliance:

- **Bryan Huneycutt**, the former Disney stunt performer now teaching how to avoid risks instead of taking them.
- **Angie Chamberland**, the D.C. nightclub manager who turned the world of concerts and drunken revelry into a masterclass in professional safety.
- **Kevin Kloesel**, the “weather wizard” of Oklahoma, who has a reputation for reading the skies long before a storm hits.
- **Don Cooper**, the former State Fire Marshal of Ohio, public safety veteran, and founding director of the Event Safety Alliance (ESA), who has written more codes than most people have read and seen up close the consequences of what unsafe conditions can create.
- **Jacob Worek**, the venue manager turned event safety professional who spent a decade helping to build North America’s leading voice for safety at live events.

“It was important to get practitioners who are working in the field today to be the instructors,” said Keberle. “That way, students learn lessons that prepare them to work a festival and take on leadership roles that scale from a small town parade to the Macy’s Thanksgiving Day Parade.”

SAFETY AS CULTURE, NOT COMPLIANCE

One of the strongest themes emerging from the advisors' work is that safety isn't a checklist—it's a culture.

"Compliance is the bare minimum. We're aiming for culture," said Huneycutt. "Culture is when an organization designs with safety in mind. And the next step is compassion: asking 'how we take care of the humans working 13-hour days so they can go home in one piece.' That's when safety becomes leadership." Angie Chamberland echoed this, describing how she reframes safety language for her crews.

"We want people to understand this is for them. That wearing gloves or harnesses isn't about rules, it's about their bodies and their long-term health. It's not 'cool' to get injured anymore." For Cooper, a retired Director of Public Safety for Tallmadge, Ohio, the shift is about not waiting for another tragedy to drive change.

"Programs like this help us learn proactively instead of reactively," he said. "The unfortunate truth is that we write codes after people die. This program says: 'let's not wait for another tragedy to learn.'"

Kloesel sees culture as a key dynamic in weather safety, as it will often require tough decisions that need institutional backup.

"Safety culture means acting before the storm hits," Kloesel explained. "Anyone can cancel a show after the rain starts. Leadership is having the courage to shut down when the radar tells you trouble is on the way."

"If we get this right, weather safety won't be something people scramble for at the last minute," he added. "It will be standard and baked into standard safety protocol, like securing a harness or checking the exits."

BEYOND THE EVENT WORLD

Though the certificate program is designed for event professionals, it has relevance far beyond concerts and festivals.

"Any safety professional will find value here," said Chamberland. "Events are dynamic, unpredictable, and human-driven. If you can keep people safe here, you can apply that thinking anywhere."

Worek agreed.



"We'd love to see safety professionals cross over. Maybe you're certified in another industry, but you want to understand events. This program gives you a pathway into our world, without trial-and-error mistakes that could hurt someone." Insurers see the value, too.

"Safety pays off in real dollars," Worek said. "If you have a trained safety professional on staff, insurers will know you're doing your due diligence. That can lead to more favorable terms."

There's also a weather component that has relevance for other industries.

"Weather doesn't care if you're at a music festival, a construction site, or an oil field," Kloesel said. "The same thresholds and decision-making skills apply anywhere people gather. That's why this program isn't just for concert folks. It's for anyone in safety."

LOOKING FIVE YEARS AHEAD

When asked about the long-term vision of the certificate program and event safety in general, each of the advisors had their own ambitious ideas.

For Worek, the goal is scale.

"In five years, I hope we've created an army of trained event safety professionals," he said. "Right now, many companies are reliant on professionals from outside the United States. We should be growing them here."

“Safety pays off in real dollars. If you have a trained safety professional on staff, insurers will know you’re doing your due diligence.”

— Jacob Worek

Cooper welcomes tighter but reasonable new safety standards and regulations, ideally imposed by the industry upon itself.

“Wouldn’t it be great if there was a minimum set of skills and certifications one had to possess to work at a live event? Every event worker should have fundamental knowledge of PPE, ladder safety, crowd management, and other safety concerns. This certificate program brings us closer to that.”

Huneycutt frames the future as a leadership shift.

“I want to see a world where safety is leadership, not a checklist. The more people who think compassionately and proactively about safety, the fewer disasters we’ll see.”

For Chamberland, the goal is cultural, transforming how crews view safety.

“I want people to get excited about safety. Not to see it as punishment, but as empowerment,” she said. “We want to make sure workers get to go home in the same condition they came to work in.”

Kloesel, meanwhile, insists that weather awareness must move from optional to standard.

“I want weather planning to be second nature. Not an afterthought, but built into every plan.”

And Keberle, who spearheaded the creation of the certificate, has perhaps the most straightforward hope.

“I want this certificate to be recognized as the gold standard. It will be the way people know someone is prepared to keep others safe.”

For Event Safety Certificate information, visit pages 16-17. Course descriptions can be found on pages 37-38.

WRITING THE NEXT CHAPTER

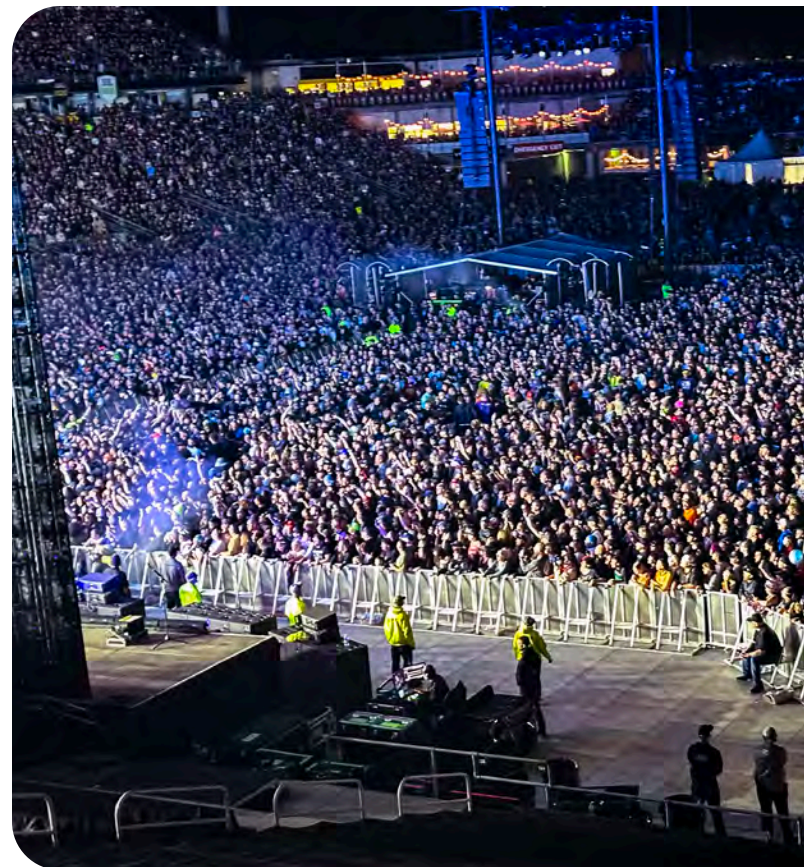
The Indiana State Fair collapse was a tragedy, but it was also a wake-up call.

It was the impetus for bringing together the coalition of practitioners who believed events could be both spectacular and safe. With the development of the Event Safety Certificate program, their vision is becoming closer to a reality.

“Every safety regulation is written in the blood of those who paid the ultimate price for us to learn,” said Cooper. “It was a reaction that stemmed from a tragedy. With this program, maybe we can write the next chapter in ink instead.”

“It was never about saying ‘no’ to bold ideas at events,” Huneycutt added. “It’s about saying ‘yes.’ Yes, we can do it. And here’s how we think ahead to create a budget and a timeline to do it safely.”

Visit the website to learn more about the UC San Diego Division of Extended Studies Event Safety Certificate Program: extendedstudies.ucsd.edu/event-safety





NAVIGATING CHANGE:

HOW OSHA'S 2024 REGIONAL REALIGNMENT AFFECTS TRAINING ACCESS

What exactly is OSHA's "San Francisco Region"? How am I part of it if I live in Alaska, Arizona, or even Guam? Understanding the implications of this realignment can seem unnecessary, but here's what the restructured regions mean for workers and employers alike.



The U.S. Department of Labor recently reorganized OSHA's legacy regions 1–10, a major change that took effect on September 1, 2024. The shift was designed to boost efficiency and reduce costs while making safety training more accessible nationwide. For the UC San Diego OSHA Training Institute (OTI) Education Center—long known for serving OSHA Region 9—this means a significant expansion. Once focused on American Samoa, Arizona, California, Guam, Hawaii, Nevada, and the Northern Mariana Islands, the Center now also serves Alaska, Idaho, Oregon, and Washington as part of the new San Francisco Region, created by combining Regions 9 and 10.

At first glance, this may look like just another bureaucratic shuffle. In reality, the consolidation extends well beyond structure. By merging personnel and resources, OSHA can operate more efficiently and better meet the needs of students, educators, and employers across a vast geographic area. The realignment strengthens the agency's ability to respond to workplace safety issues while streamlining services for those seeking training.

A central goal of this change is to eliminate redundancy. Previously, multiple offices in different regions often duplicated functions, which led to inefficiencies. With one unified region, OSHA can now direct resources to where they're needed most. For students and professionals, this translates into more robust training opportunities across occupational safety and health. Workers in industries where safety regulations shift quickly—such as construction, healthcare, manufacturing, and maritime—will particularly benefit from expanded course availability.

For UC San Diego's OTI Education Center, the realignment provides an opportunity to deliver training that reflects the

diverse needs of workplaces throughout the region. A major advantage is the growing availability of Virtual Instructor-Led Training (VILT). These courses allow students to learn from home or work, reducing travel expenses and minimizing time away from jobs. Whether someone is based in Seattle, San Francisco, or remote areas like Alaska or Guam, they can now access high-quality instruction without the logistical challenges of flights, lodging, or weather delays.

The push toward virtual training is more than a convenience—it reflects the reality of today's workplace. Businesses that embrace remote safety education see less downtime and greater productivity, as employees can train without leaving worksites for extended periods. Digital learning also enables companies to be more agile, adapting quickly to regulatory changes and embedding compliance into daily operations. VILT complements hands-on instruction, creating a blended model that accommodates different learning preferences and schedules.

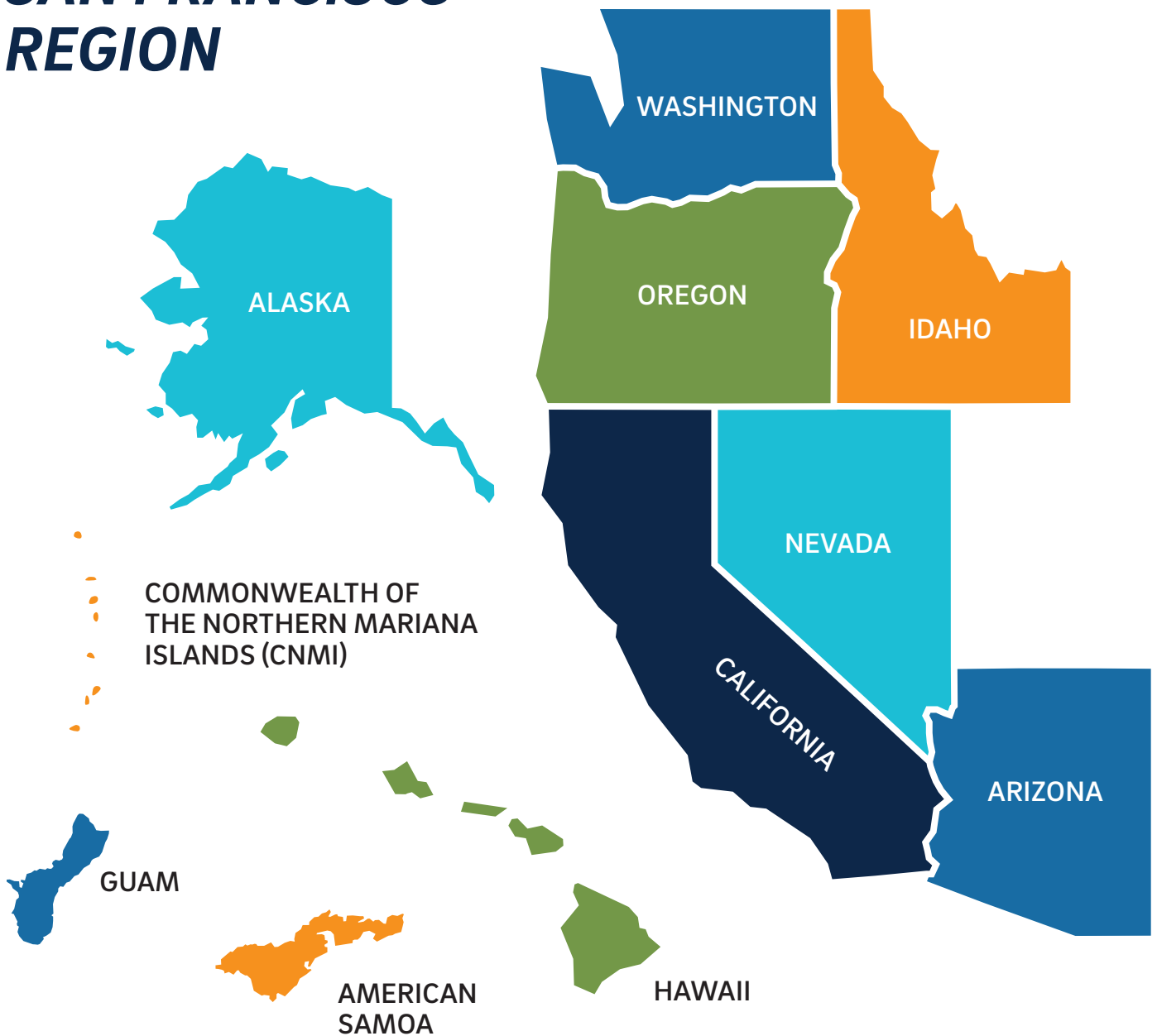
For learners, the benefits extend beyond convenience. Virtual courses create connections with instructors and peers across the entire region, fostering collaboration and shared learning experiences. A worker in Alaska can interact with professionals in California or Oregon, building networks that might otherwise be inaccessible. Expanded course formats also give



Virtual courses create connections with instructors and peers across the entire region, fostering collaboration and shared learning experiences. A worker in Alaska can interact with professionals in California or Oregon, building networks that might otherwise be inaccessible.



SAN FRANCISCO REGION



students flexibility to fit training into personal and professional commitments, which is increasingly important in a fast-paced economy.

Of course, such sweeping changes are not without challenges. Not every learner is comfortable in a virtual environment, and access to reliable technology can vary between urban hubs and more remote areas. Ensuring equity in access will require continued attention from OSHA and UC San Diego's OTI Education Center. By addressing these disparities—through technical support, strategic course scheduling, or partnerships with local organizations—the benefits of this restructuring can reach all workers, regardless of location.

Overall, the creation of the San Francisco Region represents a significant step forward for OSHA. It reduces inefficiencies, directs resources where they matter most, and expands access

to training at a time when workplace safety is more important than ever. For workers and employers across Alaska, Arizona, Guam, and beyond, the realignment opens the door to broader educational opportunities delivered in flexible, innovative ways.

This restructuring isn't simply about redrawing lines on a map. It's about strengthening the nation's workplace safety infrastructure and ensuring that training keeps pace with evolving industries. By leveraging both traditional instruction and new technologies like VILT, OSHA and UC San Diego are equipping workers with the tools they need to build safer, healthier workplaces.

To learn more about OSHA's regional restructuring and its impact on training, visit the official OSHA press release: <https://bit.ly/osha-national-news>





Occupational Safety and Health Certificate Programs

BENEFITS

Regardless of your educational background, UC San Diego Extended Studies certificate programs provide seasoned and beginning safety professionals with important workplace knowledge and practical experience regarding safety and health standards.

- Increased safety and health knowledge and awareness
- Opportunities in current job or new career
- Networking with other professionals and instructors
- Skills to promote a safety culture for employees
- Motivation for improving safe workplace practices
- Schedule offerings for in-person and live online classes
- Education from a top-ranked University of California institution

CERTIFICATES AT-A-GLANCE

	Safety and Health Specialist	Professional Safety and Health Officer	Safety and Health Fundamentals	Event Safety Certificate
Safety Leader (5+ years exp.)		X	X	X
Safety Student (1-5 years exp.)	X		X	X
Safety Starter (0-1 years exp.)	X		X	X
Construction Specialty		X	X	X
General Industry Specialty		X	X	X
Cal/OSHA Specialty		X		
Maritime Specialty			X	



SAFETY AND HEALTH SPECIALIST CERTIFICATE



TARGET AUDIENCE

The curriculum is intended for:

- Students looking to enter a career in safety (or who are transitioning from another field, existing military service, etc.)
- Employers, managers, employees, and/or employee representatives who are in some way responsible for the health and safety of themselves and/or others in the workplace
- Individuals whose current occupations require them to have a solid understanding of safety principles and accident prevention techniques

PROGRAM AT-A-GLANCE

- 7 courses required
- 11.5 total units
- Can be completed in as little as three to six months, although many students prefer to take a year or more

This program provides students with baseline skills in occupational safety and health. These skills are essential to getting a job in the field, meeting minimum job requirements for current workers, and/or advancing a career focused entirely, or in part, on workplace safety. Certificate students will gain experience and knowledge in key occupational safety and health topics, such as:

- OSHA policies, procedures and standards, as well as construction and general industry safety and health principles
- The benefits of implementing a safety and health management system in the workplace
- An overview of workers' compensation requirements and procedures
- An introduction to basic accident investigation procedures and accident analysis techniques, providing the basic skills necessary to conduct an effective workplace accident investigation
- Employer's role and responsibilities as well as the codes and standards of fire and life safety in the workplace

SAFETY AND HEALTH SPECIALIST CERTIFICATE

(You must complete all of the courses for a total of 11.5 units)

Course Title	Course Number	Units	Cost
<input type="checkbox"/> OSHA 510 - Occupational Safety and Health Standards for the Construction Industry	FPM-40299	3	\$825
<input type="checkbox"/> OSHA 511 - Occupational Safety and Health Standards for General Industry	FPM-40366	3	\$825
<input type="checkbox"/> OSHA 7205 - Health Hazard Awareness	FPM-40403	0.5	\$275
<input type="checkbox"/> OSHA 7500 - Introduction to Safety and Health Management	FPM-40379	0.5	\$275
<input type="checkbox"/> Introduction to Fire and Life Safety in the Workplace	FPM-40636	1.5	\$725
<input type="checkbox"/> Safety Inspection Techniques	FPM-40490	2.5	\$725
<input type="checkbox"/> Workers' Compensation for Safety Professionals	FPM-40640	0.5	\$325



EVENT SAFETY PROFESSIONAL CERTIFICATE

The UC San Diego Division of Extended Studies is proud to announce the **FIRST** of its kind - **CERTIFICATE PROGRAM IN EVENT SAFETY**

The event safety profession is a long-standing part of American life. From festivals to concerts to sporting events, parades and religious gatherings, the event safety profession has continued to evolve. This program is part of that evolution.

The Event Safety Certificate Program is designed in conjunction with professionals and leaders in the event safety industry. This comprehensive safety training program is designed to equip individuals with the knowledge and skills necessary to ensure the safety and well-being of everyone involved in organizing, attending, and participating in live events.

TARGET AUDIENCE

Any individual who works in the live event and entertainment industry.

This includes, but is not limited to:

- Event Planners and Managers
- Production Crew
- Performers
- Event Promoters
- Venue Staff
- Audiovisual (AV) Technicians
- Event Designers
- Ticketing and Box Office Staff
- Logistics and Operations Manager

PROGRAM BENEFITS

- Equip individuals with the knowledge and skills necessary to ensure the safety and well-being of everyone involved in organizing, attending, and participating in live events
- Courses designed and taught by event industry leaders, such as the Event Safety Alliance (ESA)
- Learn how to apply the basic skills of hazard identification, members of the risk management and emergency response to a variety of live events
- Opportunities in current job or new career in the event industry
- Networking with other professionals
- Education from a University of California institution

STAY IN TOUCH AND SUBSCRIBE TO OUR EMAILS!

Stay informed. Visit our home page and sign up to receive e-mails about upcoming classes and events, certificate programs and first-hand industry-related information from OSHA.

[OSHA.UCSD.EDU](https://www.osha.ucsd.edu)

EVENT SAFETY PROFESSIONAL CERTIFICATE

Course Title	Course Number	Units	Cost
REQUIRED COURSES			
Students must complete ALL of the following courses.			
<input type="checkbox"/> Introduction to Event Safety	FPM-40700	1.5	\$495
<input type="checkbox"/> Weather Safety for Live Events	FPM-40712	1.5	\$495
<input type="checkbox"/> Event Safety Planning and Design	FPM-40711	3	\$795
<input type="checkbox"/> Event Safety Management	FPM-40710	3	\$795
<input type="checkbox"/> Event Incident Planning and Management	FPM-40709	2	\$595
Total Required Course Units		11	
ELECTIVE COURSES			
Students are required to complete TWO elective courses below for certificate completion. (Total of 3 units required)			
<input type="checkbox"/> Production and Workforce Safety	FPM-40708	1.5	\$495
<input type="checkbox"/> Crowd Safety, Planning and Management	FPM-40707	1.5	\$495
<input type="checkbox"/> Temporary Event Structures	FPM-40706	1.5	\$495
Total Units Required to Complete Program		14	

Duration of completion: The entire certificate can be completed in one year, however students have 5 years to complete the program.

Total cost: \$4,755 (this includes a \$125 nonrefundable certificate fee)

Submit Application: Visit apply.ucsd.edu to create an account and apply online.





PROFESSIONAL SAFETY AND HEALTH OFFICER CERTIFICATE



The curriculum helps safety professionals achieve their career goals with its focus on safety regulations and in-demand skill sets for leadership and training. Certificate students will acquire the skills needed to help them get hired and promoted.

TARGET AUDIENCE

The curriculum is designed for safety professionals with at least five years of experience in the field—the minimum requirement to complete the OSHA outreach trainer courses. Professionals with the desire to excel in leadership positions in safety are highly encouraged to apply.

PROGRAM AT-A-GLANCE

- Minimum of 23 units
- Can be completed in as little as three to six months, although many students prefer to take one year or more

Please note: Prerequisite course units do not count towards the total minimum required units.

REQUIRED FOR CERTIFICATE COMPLETION

One prerequisite course, one trainer course, all other remaining required courses and a minimum of three specialty courses. To be awarded a certificate in the PSHO program, a student must be a current authorized Outreach Trainer in the construction industry and/or general industry at the UC San Diego OTI Education Center.

CERTIFICATE ELECTIVES REQUIRED

The PSHO certificate requires the completion of electives in one of the following areas: Cal/OSHA, construction, or general industry. The OSHA Training Institute Education Center / OS&H Department at UC San Diego Extended Studies will allow up to two (2) OTIEC courses to be transferred/substituted from another authorized OTIEC into the PSHO program. If a student is intending to complete more than one specialization (track), the student may still only transfer two classes.

BENEFITS TO COMPLETING THE CERTIFICATE PROGRAM

- OSHA 10- and 30-hour outreach trainer authorization
- The knowledge to create a safety culture in the workplace that includes leadership commitment, organization-wide safety communication, and safety training as an investment for the organization
- The knowledge, skills, and tools needed to conduct accident and incident investigations
- Leadership and communication skills, including constructive intervention, fostering a two-way dialogue, setting and maintaining expectations, and alignment of values around safety
- How to minimize the threat of illnesses by learning industrial hygiene practices and related OSHA regulations and procedures

PROFESSIONAL SAFETY AND HEALTH OFFICER CERTIFICATE

Course Title	Course Number	Units	Cost	Course Title	Course Number	Units	Cost
PREREQUISITE COURSES Choose either OSHA 510 or OSHA 511 (not both).							
<input type="checkbox"/> OSHA 510 - Occupational Safety & Health Standards for the Construction Industry	FPM-40299	3	\$495	<input type="checkbox"/> OSHA 7515 - Job Hazard Analysis (JHA)	FPM-40691	0.5	\$275
<input type="checkbox"/> OSHA 511 - Occupational Safety & Health Standards for General Industry	FPM-40366	1.5	\$495	<input type="checkbox"/> EM385-1-1 40-Hour Safety	FPM-40507	4	\$1095
REQUIRED TRAINER COURSES Choose either OSHA 500 or OSHA 501 (not both).							
<input type="checkbox"/> OSHA 500 - Trainer Course in Occupational Safety & Health Standards for the Construction Industry	FPM-40280	3	\$795	<input type="checkbox"/> Safety Leadership II	FPM-40642	2	\$725
<input type="checkbox"/> OSHA 501 - Trainer Course in Occupational Safety & Health Standards for General Industry	FPM-40281	3	\$595	<input type="checkbox"/> Heat Stress	FPM-40695	0.5	\$275
OTHER REQUIRED COURSES Students must complete all of the following courses.							
<input type="checkbox"/> OSHA 521 - OSHA Guide to Industrial Hygiene	FPM-40296	3	\$850	<input type="checkbox"/> Trainer Course - Fall Protection	FPM-40566	0.5	\$325
<input type="checkbox"/> OSHA 2255 - Principles of Ergonomics	FPM-40297	3	\$850	<input type="checkbox"/> Trainer Course - Trenching	FPM-40308	1.5	\$525
<input type="checkbox"/> OSHA 3095 - Electrical Standards (Low Voltage - Federal)	FPM-40300	3	\$825	GENERAL INDUSTRY (Must complete a minimum of 8 units)			
<input type="checkbox"/> OSHA 7505 - Introduction to Incident (Accident) Investigation	FPM-40637	0.5	\$275	<input type="checkbox"/> OSHA 2015 - Hazardous Materials	FPM-40302	3	\$825
<input type="checkbox"/> Safety Leadership I	FPM-40641	2	\$725	<input type="checkbox"/> OSHA 2045 - Machinery and Machine Guarding Standards	FPM-40298	3	\$825
<input type="checkbox"/> Workers' Compensation for Safety Professionals	FPM-40640	0.5	\$325	<input type="checkbox"/> OSHA 2225 - Respiratory Protection	FPM-40303	3	\$850
SPECIALTY COURSES Must complete one track for certificate completion. Students may complete multiple tracks. (Construction, General Industry or Cal/OSHA)							
CONSTRUCTION (Must complete a minimum of 8 units)							
<input type="checkbox"/> OSHA 2055 - Cranes in Construction	FPM-40413	3	\$725	<input type="checkbox"/> OSHA 2264 - Permit-Required Confined Space Entry	FPM-40289	2.5	\$725
<input type="checkbox"/> OSHA 2264 - Permit-Required Confined Space Entry	FPM-40289	2.5	\$725	<input type="checkbox"/> OSHA 7005 - Public Warehousing and Storage	FPM-40405	0.5	\$275
<input type="checkbox"/> OSHA 3015 - Excavation, Trenching and Soil Mechanics	FPM-40301	2.5	\$725	<input type="checkbox"/> OSHA 7105 - Introduction to Evacuation and Emergency Planning	FPM-40410	0.5	\$275
<input type="checkbox"/> OSHA 3085 - Principles of Scaffolding	FPM-40638	2.5	\$725	<input type="checkbox"/> OSHA 7115 - Lockout/Tagout	FPM-40497	0.5	\$275
<input type="checkbox"/> OSHA 3115 - Fall Protection	FPM-40489	3	\$825	<input type="checkbox"/> OSHA 7515 - Job Hazard Analysis (JHA)	FPM-40691	0.5	\$275
				CAL/OSHA (Must complete a minimum of 8 units)			
				<input type="checkbox"/> Heat Stress	FPM-40695	0.5	\$275
				<input type="checkbox"/> Trainer Course - Confined Space	FPM-40291	1.5	\$525
				<input type="checkbox"/> Trainer Course - Forklift Safety	FPM-40307	1.5	\$525
				<input type="checkbox"/> Safety Leadership II	FPM-40642	2	\$725
				OSHA 5109 - Cal/OSHA Standards for the Construction Industry			
				<input type="checkbox"/> OSHA 5109 - Cal/OSHA Standards for the Construction Industry	FPM-40511	3	\$825
				OSHA 5119 - Cal/OSHA Standards for General Industry			
				<input type="checkbox"/> OSHA 5119 - Cal/OSHA Standards for General Industry	FPM-40512	3	\$825
				OSHA 7515 - Job Hazard Analysis (JHA)			
				<input type="checkbox"/> OSHA 7515 - Job Hazard Analysis (JHA)	FPM-40691	0.5	\$275
				Heat Stress			
				<input type="checkbox"/> Heat Stress	FPM-40695	0.5	\$275
				Laws and Regulations			
				<input type="checkbox"/> Laws and Regulations	FPM-40060	3	\$825
				Safety Leadership II			
				<input type="checkbox"/> Safety Leadership II	FPM-40642	2	\$725



SAFETY AND HEALTH FUNDAMENTALS CERTIFICATE PROGRAM

TARGET AUDIENCE

The curriculum is intended for those new to safety in both the public and private sectors.

The certificate program in Safety and Health Fundamentals supports OSHA's mission by training employees in occupational safety and health to reduce incident rates for workers in state and local governments and private industry workers.

Participants have the opportunity to earn certificates in Construction, General Industry and Maritime industries.

CONSTRUCTION

Participants must successfully complete a minimum of 7 OTI Education Center courses, comprised of required and elective courses that include a minimum of 68 contact hours of training.

- Participants must complete the 3 required courses for a minimum of 39 contact hours of training
- Participants must complete a minimum of 4 elective courses listed below that include a minimum of 29 contact hours of training

GENERAL INDUSTRY

Participants must successfully complete a minimum of 7 OTI Education Center courses, comprised of required and elective courses that include a minimum of 68 contact hours of training.

- Participants must complete the 3 required courses for a minimum of 39 contact hours of training
- Participants must complete a minimum of 4 elective courses listed below that include a minimum of 29 contact hours of training

MARITIME

Participants must successfully complete a minimum of 7 OTI Education Center courses, comprised of required and elective courses that include a minimum of 77 contact hours of training.

- Participants must complete the 3 required courses for a minimum of 48 contact hours of training
- Participants must complete a minimum of 4 elective courses listed below that include a minimum of 29 contact hours of training




CONSTRUCTION

Required Courses	Min. Contact Hours	Cost
<input type="checkbox"/> OSHA 510 - Occupational Safety and Health Standards for Construction	26.0	\$825
<input type="checkbox"/> OSHA 7500 - Introduction to Safety and Health Management	5.5	\$275
<input type="checkbox"/> OSHA 7505 - Introduction to Incident (Accident) Investigation	7.5	\$275
Elective Courses	Min. Contact Hours	Cost
<input type="checkbox"/> OSHA 521 - OSHA Guide to Industrial Hygiene	26.0	\$850
<input type="checkbox"/> OSHA 2225 - Respiratory Protection	26.0	\$850
<input type="checkbox"/> OSHA 2255 - Principles of Ergonomics	18.0	\$825
<input type="checkbox"/> OSHA 3085 - Principles of Scaffolding	22.0	\$725
<input type="checkbox"/> OSHA 3095 - Electrical Standards	26.0	\$825
<input type="checkbox"/> OSHA 7105 - Evacuation and Emergency Planning	4.0	\$275
<input type="checkbox"/> OSHA 7110 - Safe Bolting: Principles and Practices	7.0	N/A
<input type="checkbox"/> OSHA 7205 - Health Hazard Awareness	6.0	\$275
<input type="checkbox"/> OSHA 7215 - Silica in Construction, Maritime and General Industries	7.0	\$275
<input type="checkbox"/> OSHA 7400 - Occupational Noise Exposure Hazards	5.5	\$275
<input type="checkbox"/> OSHA 7845 - Recordkeeping Rule Seminar	4.0	\$250
<input type="checkbox"/> OSHA 3015 - Excavation, Trenching and Soil Mechanics	20.0	\$725
or	6.5	\$275
<input type="checkbox"/> OSHA 7410 - Managing Excavation Hazards		
<input type="checkbox"/> OSHA 3115 - Fall Protection	18.0	\$825
or		
<input type="checkbox"/> OSHA 7405 - Fall Hazard Awareness for the Construction Industry	5.0	\$275
<input type="checkbox"/> OSHA 2264 - Permit-Required Confined Space Entry	20.0	\$725
or		
<input type="checkbox"/> OSHA 7300 - Understanding OSHA's Permit Required Confined Space Standard	7.0	\$275

SAFETY & HEALTH FUNDAMENTALS™

OSHA® Certificate Programs

Visit our website for the following information and more:

-  Requirements for Completion
-  How to Submit When Completed
-  Certificate Processing Fee

GENERAL INDUSTRY

Required Courses	Min. Contact Hours	Cost
<input type="checkbox"/> OSHA 511 - Occupational Safety and Health Standards for General Industry	26.0	\$825
<input type="checkbox"/> OSHA 7500 - Introduction to Safety and Health Management	5.5	\$275
<input type="checkbox"/> OSHA 7505 - Introduction to Incident (Accident) Investigation	7.5	\$275
Elective Courses	Min. Contact Hours	Cost
<input type="checkbox"/> OSHA 521 - OSHA Guide to Industrial Hygiene	26.0	\$850
<input type="checkbox"/> OSHA 2255 - Principles of Ergonomics	18.0	\$825
<input type="checkbox"/> OSHA 2225 - Respiratory Protection	26.0	\$825
<input type="checkbox"/> OSHA 3095 - Electrical Standards	26.0	\$825
<input type="checkbox"/> OSHA 7000 - OSHA Training Guidelines for Safe Patient Handling	7.5	\$275
<input type="checkbox"/> OSHA 7005 - Warehousing and Storage	7.0	\$275
<input type="checkbox"/> OSHA 7105 - Evacuation and Emergency Planning	4.0	\$275
<input type="checkbox"/> OSHA 7115 - Lockout/Tagout	7.5	\$275
<input type="checkbox"/> OSHA 7200 - Bloodborne Pathogen Exposure Control	7.0	\$275
<input type="checkbox"/> OSHA 7205 - Health Hazard Awareness	6.0	\$275
<input type="checkbox"/> OSHA 7210 - Pandemic Illness Preparedness	5.5	\$275
<input type="checkbox"/> OSHA 7215 - Silica in Construction, Maritime and General Industries	7.0	\$275
<input type="checkbox"/> OSHA 7845 - Recordkeeping Rule Seminar	4.0	\$250
<input type="checkbox"/> OSHA 2264 - Permit-Required Confined Space Entry	20.0	\$725
<input type="checkbox"/> or OSHA 7300 - Understanding OSHA's Permit-Required Confined Space Standard	7.0	\$275
<input type="checkbox"/> OSHA 2045 - Machinery and Machine Guarding Standards	26.0	\$825
<input type="checkbox"/> or OSHA 7100 - Introduction to Machinery and Machine Safeguarding	4.0	\$275

MARITIME

Required Courses	Min. Contact Hours	Cost
<input type="checkbox"/> OSHA 5410 - Occupational Safety and Health Standards for the Maritime Industry	35	\$1095
<input type="checkbox"/> OSHA 7500 - Introduction to Safety and Health Management	5.5	\$275
<input type="checkbox"/> OSHA 7505 - Introduction to Incident (Accident) Investigation	7.5	\$275
Elective Courses	Min. Contact Hours	Cost
<input type="checkbox"/> OSHA 521 - OSHA Guide to Industrial Hygiene	26	\$850
<input type="checkbox"/> OSHA 2015 - Hazardous Materials	26	\$825
<input type="checkbox"/> OSHA 2055 - Cranes in Construction	22.5	\$725
<input type="checkbox"/> OSHA 2225 - Respiratory Protection	26	\$850
<input type="checkbox"/> OSHA 2255 - Principles of Ergonomics	18	\$825
<input type="checkbox"/> OSHA 3085 - Principles of Scaffolding	22	\$725
<input type="checkbox"/> OSHA 3095 - Electrical Standards	26	\$825
<input type="checkbox"/> OSHA 3115 - Fall Protection	18	\$825
<input type="checkbox"/> OSHA 7005 - Warehousing and Storage	7	\$275
<input type="checkbox"/> OSHA 7105 - Evacuation and Emergency Planning	4	\$275
<input type="checkbox"/> OSHA 7115 - Lockout/Tagout	7.5	\$275
<input type="checkbox"/> OSHA 7120 - Introduction to Combustible Dust Hazards	6.5	N/A
<input type="checkbox"/> OSHA 7205 - Health Hazard Awareness	6	\$275
<input type="checkbox"/> OSHA 7215 - Silica in Construction, Maritime, and General Industries	7	\$275
<input type="checkbox"/> OSHA 7845 - Recordkeeping Rule Seminar	4	\$250
<input type="checkbox"/> OSHA 2264 - Permit-Required Confined Space Entry	20	\$725
<input type="checkbox"/> or OSHA 7300 - Understanding OSHA's Permit-Required Confined Space Standard	7	\$275
<input type="checkbox"/> OSHA 2045 - Machinery & Machine Guarding Standards	26	\$825
<input type="checkbox"/> or OSHA 7100 - Introduction to Machinery and Machine Safeguarding	4	\$275



Be an Authorized Outreach Trainer

TEACH OSHA 10/30-HOUR CLASSES

BENEFITS OF BEING AN AUTHORIZED TRAINER AT UC SAN DIEGO:

- Career advancement
- Online portal and database to report and track classes
- University of California San Diego affiliation
- Rapid card processing and shipping
- Superior customer service and friendly staff
- Option to teach in-person and VILT classes

INDUSTRY AUTHORIZATIONS

CONSTRUCTION

Prerequisite/Standards:
OSHA 510

Trainer Course:
OSHA 500

Update Course:
OSHA 502

GENERAL INDUSTRY

Prerequisite/Standards:
OSHA 511

Trainer Course:
OSHA 501

Update Course:
OSHA 503

MARITIME

Prerequisite/Standards:
OSHA 5410

Trainer Course:
OSHA 5400

Update Course:
OSHA 5402

DISASTER SITE WORKER

Prerequisite:
Refer to the Prerequisite Verification Form.

Trainer Course:
OSHA 5600

Update Course:
OSHA 5602

CAL/OSHA OUTREACH TRAINING

Here's how to obtain your Cal/OSHA Outreach Endorsement:

1. You must be currently authorized as a Construction or General Industry Outreach Trainer.*
2. Show a minimum of one year of Cal/OSHA experience (the Statement of Eligibility Form is provided prior to attending a class).
3. Attend the OSHA 5109 (Construction) or OSHA 5119 (General Industry) course, depending on your relevant industry experience.
4. Your Cal/OSHA authorization expires the same date as your federal outreach trainer authorization expires. The Cal/OSHA update courses are OSHA 5029 (construction) and OSHA 5039 (general industry).

*You may also attend the OSHA 5109 or OSHA 5119 up to six months prior to obtaining your federal outreach authorization or anytime after you have become an authorized trainer.

FOLLOW THESE STEPS TO APPLY:

<p>1</p>	<p>Attain five (5) years of safety experience relevant to the industry in which you are applying (construction, general industry, or maritime).</p>
<p>2</p>	<p>Successfully complete the OSHA Standards Course corresponding to the OSHA Trainer Course.</p> <p>OSHA 510 - Occupational Safety and Health Standards for the Construction Industry OSHA 511 - Occupational Safety and Health Standards for General Industry OSHA 5410 - Occupational Safety and Health Standards for the Maritime Industry</p> <p>The OSHA Standards course completion date must be within seven years of the corresponding Outreach Trainer Course.</p>
<p>3</p>	<p>Download and complete the required Prerequisite Verification Form by clicking the Apply Now button on the relevant trainer course page. You may also email oshatraining@ucsd.edu for an electronic copy.</p> <p>HELPFUL HINTS:</p> <ul style="list-style-type: none"> • Provide response in each field of page 1 • Write work descriptions in paragraph form with as much detail as possible. "Working safely" does not meet the requirements of safety experience for any course • Make sure job dates do not overlap • Check Box #41 • Sign and date on page 5
<p>4</p>	<p>Email the completed form along with a copy of your trainer card or required documentation to oshatraining@ucsd.edu. Please note that your verification form will not be processed without proper proof of the required prerequisites.</p> <p>Please allow a minimum of two weeks for processing your application.</p> <p>The Training Department will either approve or deny your application. If approved, you will receive further enrollment instructions.</p>

ET&D (ELECTRICAL, TRANSMISSION AND DISTRIBUTION) OUTREACH TRAINING

- For inquiries regarding ET&D training, please email outreach@dol.gov
- Visit <https://powerlinesafety.org/> for more information on the ET&D Partnership

STAY AUTHORIZED!

IMPORTANT: There is no grace period for a trainer's expiration. Any trainer who allows their authorization to expire is required to:

1. Attend the **OSHA 510/511/5410** standards course. If previously taken, the date of completion must be within the last 7 years.
AND
2. Retake the **OSHA 500/501/5400** and demonstrate proof of the prerequisite requirements (5 years of construction/general industry/maritime safety experience)



Cal/OSHA Courses

OSHA 5029 CAL/OSHA UPDATE FOR CONSTRUCTION INDUSTRY OUTREACH TRAINERS

This course updates OSHA 5109 Cal/OSHA Standards for the Construction Industry. Students will learn about the most significant changes within Cal/OSHA Title 8 that affect the construction industry. Course topics include updates on the Cal/OSHA strategic plan, enforcement and consultation, procedural changes, new and proposed Cal/OSHA Standards as they relate to the construction industry, navigation of the Cal/OSHA Web site, and availability of publications and resources. This course continues the student's authorization to teach both the 10- and 30-hour Cal/OSHA Construction Industry Outreach Training Program. Upon course completion students will have the ability to identify recent changes and updates to Cal/OSHA structure, construction standards, and legal decisions affecting the construction industry.

Required prerequisite: OSHA 5109 or OSHA 5029 within four years. See osha.ucsd.edu for additional requirements.

Cal/OSHA expiration: The Cal/OSHA authorization expires on the same date as the trainer's Federal authorization.

Fee: \$325

OSHA 5039 CAL/OSHA UPDATE FOR GENERAL INDUSTRY OUTREACH TRAINERS

This course updates the Cal/OSHA 5119 Cal/OSHA Standards for General Industry. Students learn about the most significant changes with Cal/OSHA Title 8 that affect general industry. Course topics include updates on the Cal/OSHA strategic plan, enforcement and consultation, procedural changes, new and proposed Cal/OSHA Standards as it relates to general industry, navigation of the Cal/OSHA Web site, and availability of publications and resources. Upon course completion students will have the ability to identify recent changes and updates to Cal/OSHA structure, General Industry standards, and legal decisions.

Required prerequisite: OSHA 5119 or OSHA 5039 within four years. See osha.ucsd.edu for additional requirements.

Cal/OSHA expiration: The Cal/OSHA authorization expires on the same date as the trainer's Federal authorization.

Fee: \$325

OSHA 5109 CAL/OSHA STANDARDS FOR THE CONSTRUCTION INDUSTRY

This course is designed for individuals interested in teaching the 10- and 30-hour Cal/OSHA construction safety and health Outreach Training Program to their employees and groups interested in learning about Cal/OSHA Title 8 Construction Standards and policies. Course topics include construction industry standards and compliance, training topics required in the 10- and 30- hour Outreach Training Program as well as those which are most hazardous in the construction industry, Injury and Illness Prevention Program, and Cal/OSHA training guidelines. Upon course completion students will have the ability to understand the relationship between OSHA and Cal/OSHA Standards, policies, and procedures, identify hazards which occur in the construction industry, locate and determine appropriate Cal/OSHA Construction Standards, policies, and procedures, and describe the use of Cal/OSHA Construction Standards and regulations to supplement an ongoing safety and health program.

Important: Students may also take this course if they do not intend on teaching the Cal/OSHA Outreach Training.

Prerequisite for Outreach Trainers: Existing Construction Outreach Trainers in good standing seeking to become Cal/OSHA Construction Outreach Trainers may use this course to obtain the Cal/OSHA endorsement. See osha.ucsd.edu for additional requirements.

Fee: \$825

OSHA 5119 CAL/OSHA STANDARDS FOR GENERAL INDUSTRY

This course is designed for individuals interested in teaching the 10- and 30-Cal/OSHA general industry safety and health Outreach Training Program to their employees and groups interested in learning more about Cal/OSHA General Industry Standards and policies. Course topics include Title 8 General Industry Standards and compliance, training topics required in the 10- and 30- hour Outreach Training Programs as well as those which are most hazardous in general industry, Injury and Illness Prevention Program, and Cal/OSHA training guidelines. Upon course completion students will be able to understand the relationship between OSHA and Cal/OSHA Standards, policies, and procedures, identify hazards which occur in general industry, locate and determine appropriate Cal/OSHA General Industry Standards, policies, and procedures, and describe the use of Cal/OSHA General Industry Standards and regulations to supplement an ongoing safety and health program.

Important: Students may also take this course if they do not intend on teaching the Cal/OSHA Outreach Training.

Prerequisite for Outreach Trainers: Existing General Industry Outreach Trainers in good standing seeking to become Cal/OSHA General Industry Outreach Trainers may use this course to obtain the Cal/OSHA endorsement. See osha.ucsd.edu for additional requirements.

Fee: \$825

OSHA Safety Courses

OSHA STANDARDS COURSES

OSHA 510 **OCCUPATIONAL SAFETY AND** **HEALTH STANDARDS FOR THE** **CONSTRUCTION INDUSTRY**

This course covers OSHA Standards, policies, and procedures in the construction industry. Topics include scope and application of the OSHA Construction Standards, construction safety and health principles, and special emphasis on those areas in construction which are most hazardous. Upon course completion students will have the ability to define construction terms found in the OSHA Construction Standards, identify hazards which occur in the construction industry, locate and determine appropriate OSHA Construction Standards, policies, and procedures, and describe the use of the OSHA Construction Standards and regulations to supplement an ongoing safety and health program.

Fee: \$825

OSHA 511 **OCCUPATIONAL SAFETY AND** **HEALTH STANDARDS FOR GENERAL** **INDUSTRY**

This course covers OSHA Standards, policies, and procedures in general industry. Topics include scope and application of the OSHA General Industry Standards, general industry principles and special emphasis on those areas in general industry which are most hazardous. Upon course completion students will have the ability to define general industry terms found in the OSHA General Industry Standards, identify hazards which occur in general industry, locate and determine appropriate OSHA General Industry Standards, policies, and procedures, and describe the use of OSHA General Industry Standards and regulations to supplement an ongoing safety and health program.

Fee: \$825

OSHA 5410 **OCCUPATIONAL SAFETY AND** **HEALTH STANDARDS FOR THE** **MARITIME INDUSTRY**

This course covers OSHA policies, procedures, and standards for the maritime industry. Using the OSHA Maritime Standards as a guide, special emphasis is placed on those areas in the maritime industry which are most hazardous. Upon course completion students will define maritime terms found in the OSHA Maritime Standards, identify hazards in the maritime industry and determine appropriate controls and abatement, locate OSHA Maritime Standards, policies and procedures, and describe the use of the OSHA Maritime Standards and regulations to supplement an ongoing safety and health program.

Fee: \$1095

OSHA 521 **OSHA GUIDE TO INDUSTRIAL** **HYGIENE**

This course covers industrial hygiene practices and related OSHA regulations and procedures. Course topics include recognition, evaluation, and control of chemical, physical, biological and ergonomic hazards, Permissible Exposure Limits (PEL), OSHA health standards, respiratory protection, engineering controls, OSHA sampling protocols and strategies, and workplace health program elements. The course features workshops in health hazard recognition, OSHA health standards and use of sampling equipment. Upon course completion students will have the ability to recognize basic industrial hygiene principles and practices, identify characteristics of common air contaminants, locate PELs, perform basic industrial hygiene calculations, and determine methods for hazard control and abatement.

Note: Recommended prerequisite courses: OSHA 510, OSHA 511, OSHA 5109 or OSHA 5119.

Fee: \$850

OSHA 2015 **HAZARDOUS MATERIALS**

This course covers OSHA General Industry Standards and other consensus and proprietary standards that relate to the use of hazardous materials. Course topics include flammable and combustible liquids, compressed gases, LP-gases, and cryogenic liquids. Related processes such as spraying and dipping, and use of electrical equipment in hazardous locations are also discussed. Upon course completion students will have the ability to assess compliance with OSHA hazardous materials standards, determine hazardous (classified) locations, and proper moving, storing, and handling of hazardous materials.

Fee: \$825

OSHA 2045 **MACHINERY AND MACHINE** **GUARDING STANDARDS**

This course covers the various types of common machinery, machine safe guards, and related OSHA regulations and procedures. Guidance is provided on the hazards associated with various types of machinery and the determination of proper machine safe guards. Course topics include machinery processes, mechanical motions, points of operation, control of hazardous energy sources (lockout/tagout), guarding of portable powered tools, and common OSHA machine guarding violations. Program highlights include the ability to recognize hazards and provide options for control and hazard abatement through machine safeguarding inspection workshops. Upon course completion students will have the ability to describe common machine hazards and sources of energy, identify resources for assisting with machine guarding issues, and determine methods of control and hazard abatement, and selection of appropriate machine safe guards.

Fee: \$825

OSHA Safety Courses

OSHA 2055

CRANES IN CONSTRUCTION

This course covers the best practices in crane and derrick operation using the OSHA Cranes and Derricks in Construction Rule as a guide. Topics include hazards associated with crane assembly and disassembly, types of cranes; lifting concepts; rigging and wire rope; signaling; employee qualifications and training; and maintenance, repair, and inspection requirements. Students will participate in workshops to reinforce concepts of safe crane operation. Upon course completion, students will have the ability to identify the types of cranes and their components and attachments, determine safe operating conditions, and recognize common violations of OSHA standards.

Fee: \$725

OSHA 2225

RESPIRATORY PROTECTION

This course covers the requirements for the establishment, maintenance, and monitoring of a respiratory protection program. Course topics include terminology, OSHA Respiratory Protection Standards, NIOSH certification, respiratory protection programs, and medical evaluation requirements. Program highlights include workshops on respirator selection, qualitative and quantitative fit testing, and the use of respiratory protection and support equipment. Upon course completion students will have the ability to identify and describe the elements of a respiratory protection program, the proper selection, use, and inspection of respiratory protection, protection factors, and evaluate compliance with OSHA Standards.

Note: It is highly recommended that the OSHA 521 course is completed prior to this course.

Fee: \$850

OSHA 2255

PRINCIPLES OF ERGONOMICS

This course covers the use of ergonomic principles to recognize, evaluate, and control workplace conditions that cause or contribute to musculoskeletal and nerve disorders. Course topics include work physiology, anthropometry, musculoskeletal disorders, use of video display terminals, and risk factors such as vibration, temperature, material handling, repetition, and lifting and patient transfers in health care. Course emphasis is on industrial case studies covering analysis and design of work stations and equipment workshops in manual lifting, and coverage of current OSHA compliance policies and guidelines. Upon course completion students will have the ability to recognize work-related musculoskeletal and nerve disorders, assess employer's ergonomic programs, and conduct ergonomic evaluations.

Fee: \$825

OSHA 2264

PERMIT-REQUIRED CONFINED SPACE ENTRY

This course covers the safety and health hazards associated with permit-required confined space entry. Course topics include recognition of confined space hazards, identification of permit and non-permit required confined spaces, use of instrumentation to evaluate atmospheric hazards, ventilation techniques, development and implementation of a confined space program, proper signage, and training requirements. This course features workshops on permit entry classification, instrumentation, and program development. Upon course completion students will have the ability to identify permit and non-permit required confined spaces, reference the OSHA Permit-Required Confined Spaces Standard, conduct atmospheric testing, and implement a permit-required confined space program.

Fee: \$725

OSHA 2455

SAFETY AND HEALTH MANAGEMENT PROGRAM

This course focuses on the Safety and Health Management Program (SHMP). The participants will learn about the SHMP fundamentals, recordkeeping requirements, and SHMP in the workplace. During the course, the participants will use different activities to learn how to implement a workplace Safety and Health Management Program (SHMP) according to OSHA's Recommended Practices for Safety and Health Programs and related guidance.

Fee: \$725

OSHA 3015

EXCAVATION, TRENCHING AND SOIL MECHANICS

This course covers the OSHA Excavation Standard and safety and health aspects of excavation and trenching. Course topics include practical soil mechanics and its relationship to the stability of shored and unshored slopes and walls of excavations, introduction of various types of shoring (wood timbers and hydraulic), soil classification, and use of protective systems. Testing methods are demonstrated and students participate in workshops in the use of instruments such as penetrometers, torvane shears, and engineering rods. Upon course completion students will have the ability to assess their employer's compliance with the OSHA Excavation Standard, utilize soil testing methods to classify soil types, determine protective systems for excavation operations, and training requirements.

Fee: \$725

OSHA Safety Courses

OSHA 3085

PRINCIPLES OF SCAFFOLDING

This course covers the requirements for the safe construction and use of scaffolding using the OSHA construction scaffold standard as a guide. Topics include hazards associated with scaffold design; assembly; disassembly and use; types of scaffolds; determining scaffold capacity; employee qualifications and training; and maintenance, repair, and inspection requirements. Students will participate in workshops to reinforce concepts of safe scaffolding. Upon course completion, students will have the ability to identify the types of scaffolds and their components; determine safe assembly, use, and disassembly; and recognize common violations of OSHA standards.

Fee: \$725

OSHA 3095

ELECTRICAL STANDARDS (LOW VOLTAGE - FEDERAL)

This course covers OSHA Electrical Standards and the hazards associated with electrical installations and equipment. Course topics include single- and three-phase systems, cord- and plug-connected and fixed equipment, grounding, ground fault circuit interrupters, and safety-related work practices. Emphasis is placed on electrical hazard recognition and OSHA Standards, policies, and procedures and applicable portions of the National Electrical Code (NEC). Students will participate in workshops on the safe and correct use of electrical testing equipment. Upon course completion students will have the ability to understand the severity of electrical current on the human body, recognize and evaluate actual and potential electrical hazards and reference the applicable OSHA Standard, determine hazard abatement measures, and understand the proper use of electrical testing equipment.

Fee: \$825

OSHA 3115

FALL PROTECTION

This course covers the OSHA Fall Protection Standard for construction and an overview of fall protection methods. Course topics include principles of fall protection, components and limitations of fall arrest systems, and OSHA Standards and policies regarding fall protection. Students will participate in workshops demonstrating the inspection and use of fall protection equipment, residential construction fall protection, training requirements, and developing a fall protection program. Upon course completion students will have the ability to assess compliance with the OSHA Fall Protection Standard, evaluate installed passive systems and fall arrest systems, and develop and implement fall protection plans.

Fee: \$825

OSHA 3365

HEALTHCARE

This course covers an overview of OSHA standards impacting the healthcare industry. Course topics include types of healthcare facilities, occupations, hazards, standards, and resources available in the healthcare industry. Training highlights record keeping, physical and health hazards, and activities to identify hazards and control strategies in the workplace.

Fee: \$825

OSHA 6005

COLLATERAL DUTY COURSE FOR OTHER FEDERAL AGENCIES

This course covers an overview of OSHA standards impacting the healthcare industry. Course topics include types of healthcare facilities, occupations, hazards, standards, and resources available in the healthcare industry. Training highlights record keeping, physical and health hazards, and activities to identify hazards and control strategies in the workplace.

Fee: \$825

OSHA 7000

OSHA TRAINING GUIDELINES FOR SAFE PATIENT HANDLING

This course covers OSHA ergonomic guidelines for safe patient handling and methods to protect workers in all health care settings. Using OSHA's Ergonomics Guidelines for Nursing Homes as a basis for any healthcare facility, this course focuses on analyzing and identifying ergonomic hazards and practical solutions to address these issues. Course topics include developing an ergonomic work process, risk factors in patient handling and transfers, identifying work processes with the potential for musculoskeletal injuries and illnesses, protocol for resident and patient assessment, and implementing solutions including work practices and engineering controls. Upon course completion students will have the ability to apply "OSHA's Ergonomics Guidelines for Nursing Homes" in their healthcare facility, understand the benefits of implementing an ergonomics process, and identify, analyze and develop solutions for ergonomic problem jobs in healthcare.

Fee: \$275

OSHA 7005

WAREHOUSING AND STORAGE

This course covers the hazards and injuries likely to occur in public warehousing and storage operations, including encounters with powered industrial trucks, material handling, lifting and ergonomics, hazard communication, walking and working surfaces, and life safety including fire protection and evacuation. This course is intended for warehouse workers, supervisors, and employers responsible for developing safe work practices and procedures in a warehouse setting. Upon course completion students will have the ability to recognize the potential for injuries from forklifts, material handling and lifting, exposure to hazardous substances, slips, trips, and falls and methods to control and abate these hazards.

Fee: \$275

OSHA Safety Courses

OSHA 7100 INTRODUCTION TO MACHINERY AND MACHINE SAFEGUARDING

This course covers the process to identify, select and properly safeguard machinery to protect employees and others in the work area and deliver appropriate training in safe work practices. Course topics include types of machinery requiring guarding, point of operation, emergency eyewash/shower requirements, hazard communication, OSHA Machinery and Machine Guarding Standards violations, and corrective actions. Upon course completion students will have the ability to explain hazardous actions and motions of various types of machinery, identify methods of safeguarding, and match identified safeguards with the applicable OSHA Machinery and Machine Guarding Standards to reduce and eliminate the potential for accidents and injuries.

Fee: \$275

OSHA 7105 EVACUATION AND EMERGENCY PLANNING

This course covers OSHA requirements for emergency action and fire protection plans. Topics include purpose and requirements of emergency action and fire prevention plans, elements of an emergency evacuation plan, and features of design and maintenance of emergency exit routes. Students will participate in workshops pertaining to the development of emergency action plans. Upon course completion, students will have the ability to list the elements of an emergency action plan and emergency evacuation floor plans, recognize violations of OSHA exit route requirements, determine whether their organization requires an emergency action plan, and develop and implement workplace emergency action and fire protection plans.

Fee: \$275

OSHA 7115 LOCKOUT/TAGOUT

This course covers the role and responsibility of the employer to develop and implement an energy control program, or lock-out/ tag-out (LOTO) for the protection of workers while performing servicing and maintenance activities on machinery and equipment. Course topics include types of hazardous energy, detecting hazardous conditions, implementing control measures as they relate to the control of hazardous energy, developing and implementing energy isolation procedures, training of authorized and affected employees, and periodic inspection of energy control procedures using the OSHA Control of Hazardous Energy Standard. Upon course completion the student will have the ability to explain the importance of energy control programs, procedures, training, audits and methods of controlling hazardous energy.

Fee: \$275

OSHA 7200 BLOODBORNE PATHOGEN EXPOSURE CONTROL

This course covers the development and implementation of Exposure Control Plans (ECP). Course topics include understanding the OSHA Bloodborne Pathogens Standard, determining potential exposure and control methods, developing an ECP, vaccinations, exposure incidents, training, and record keeping. The target audience is the program administrator, manager, or other personnel designated with the responsibility of developing a Bloodborne Pathogens ECP. Course highlights include students developing a template for their facility's ECP. Upon course completion, the participant will have the ability to take a systematic approach to develop an ECP.

Fee: \$275

OSHA 7205 HEALTH HAZARD AWARENESS

This course covers common health hazards that are encountered in the workplace. These health hazards include exposure to chemicals, asbestos, silica and lead. Topics include identification and evaluation of health hazards and their sources of exposure, health hazard information, and engineering and work practice controls. Students participate in workshops on evaluation and abatement of workplace health hazards. Upon course completion, students will have the ability to understand common health hazards in the workplace and methods for controlling and abatement of these hazards.

Fee: \$275

OSHA 7210 PANDEMIC ILLNESS PREPAREDNESS

This course covers recognition of hazards and risks associated with a pandemic illness event and development of strategies to assist a business, community, or family with realistic preparation for a pandemic event. Course topics include potential impact of a pandemic illness event on a business and community, critical elements of a preparedness plan, and realistic strategies for supporting continuity of operations. This course offers information on strategies that can be used to control the spread of the illness, minimization of exposure to employees and family, and resources available from OSHA and other government agencies. The intended audience is the business leader and members of their management team who may be integral to preparedness planning. Upon course completion, students will have the ability to prepare for a pandemic to assure business continuity and employee safety.

Fee: \$275

OSHA Safety Courses

OSHA 7215 SILICA IN CONSTRUCTION, MARITIME, AND GENERAL INDUSTRIES

This course covers the development and implementation of controls and strategies to prevent or mitigate silica exposures in construction, maritime, and general industries. Course topics include describing the requirements of OSHA's Respirable Crystalline Silica standards and recognizing the hazards and risks, assessment options, and exposure control measures associated with silica exposure.

Fee: \$275

OSHA 7225 TRANSITIONING TO SAFER CHEMICALS

This course covers a proactive approach to reducing the use of hazardous chemicals in the workplace by transitioning to safer alternatives. Course topics include identification, evaluation, assessment, and implementation of safer chemical alternatives. In particular, participants will use OSHA's seven-step substitution planning process. The course features workshops and hands-on activities with the use of various online chemical databases and tools. The target audience is purchasing staff, maintenance supervisors, facility managers, and workers who utilize hazardous chemicals at their worksites, along with occupational safety and health professionals who provide technical assistance on the control of chemical hazards. Upon course completion participants will have the ability to recognize and evaluate hazardous chemicals in their workplace, assess safer alternatives, and implement those alternatives.

Available for onsite training.
Contact oshatraining@ucsd.edu.

OSHA 7230 INFECTIOUS DISEASE PREPAREDNESS IN THE WORKPLACE

This course is an introduction to protecting employees from infectious diseases in the workplace. Course topics include the definition of infectious disease, modes of transmission, specific types of infectious diseases, OSHA standards, and other industry requirements. Additionally, training will cover worker exposure classification, recordkeeping, and basic control measures, highlighting types of infectious diseases and OSHA standards, and drafting highlights highlighting types of infectious diseases, OSHA standards, and an infectious disease protection plan.

Fee: \$275

OSHA 7235 RESPIRATORY PROTECTION PROGRAM

This course is designed primarily for participants with limited technical backgrounds who need assistance understanding OSHA's requirements for written respiratory protection programs. It will help them make informed decisions about how to administer their program and who (within or outside of their organization) should help implement it. Depending on the extent and complexity of the hazards present and the level of respiratory protection needed, the course could benefit those interested in serving as a program administrator for their workplace respiratory protection program.

Fee: \$275

OSHA 7300 UNDERSTANDING OSHA'S PERMIT-REQUIRED CONFINED SPACE STANDARD

This course covers the requirements of the OSHA Permit-Required Confined Space Standard. Course topics include safety and health hazards associated with confined space entry, and the evaluation, prevention, and abatement of these hazards. The course covers OSHA requirements; it does not feature workshops (instrumentation,

control methods and testing) which are included in the OSHA #2264 Permit-Required Confined Space Entry. This course is designed for small employers or a designated representative (line supervisor or manager) with the responsibility to develop a permit-required confined space program. Upon course completion students will have a basic understanding of confined space hazards, evaluating and abatement of the hazards, and determining when a confined space shall be classified as a permit-required confined space.

Fee: \$275

OSHA 7400 OCCUPATIONAL NOISE EXPOSURE HAZARDS

This course focuses on describing noise hazards in the workplace. The course includes; OSHA occupational noise exposure standards, properties of sound, noise-induced hearing loss, noise exposure control, selection and use of hearing protection, sound level surveys, noise dosimetry, and worker training. Classroom demonstrations of noise instrumentation and hearing protection devices are featured. The target audience is the employer or representative designated with the responsibility to develop a noise program. At the conclusion of this course, students will describe sound properties and their relationship to noise-induced hearing loss, hearing protection usage, and using a sound level meter.

Fee: \$275

STAY IN TOUCH AND SUBSCRIBE TO OUR EMAILS!

Stay informed. Visit our home page and sign up to receive e-mails about upcoming classes and events, certificate programs and first-hand industry-related information from OSHA.

[OSHA.UCSD.EDU](https://www.osha-ucsd.edu)

OSHA Safety Courses

OSHA 7405

FALL HAZARD AWARENESS FOR THE CONSTRUCTION INDUSTRY

This course covers the identification, evaluation, prevention and control of fall hazards in the construction industry. The course focuses on falls to a lower level rather than falls to the same level resulting from slips and falls. Course topics include identifying, analyzing, and preventing fall hazards utilizing OSHA Fall Protection Standards. At the conclusion of the course, students will have an awareness level of identifying fall hazards and methods to control and abate the hazards.

Fee: \$275

OSHA 7410

MANAGING EXCAVATION/TRENCHING OPERATIONS

This course covers the requirements to manage excavation/trenching operations. The course will include an understanding of the OSHA excavation requirements, excavation/trenching hazards, and control measures. Additionally, participants will learn about soil analysis techniques and protective system requirements. At the conclusion of this course, participants will understand how to manage excavation/trenching operations.

Fee: \$275

OSHA 7415

OSHA CONSTRUCTION INDUSTRY REQUIREMENTS: AWARENESS OF MAJOR HAZARDS AND PREVENTION

This course provides pertinent information regarding OSHA requirements and guidelines for construction industry activities and operations. Topics include the industry's focus four safety and health hazards and prevention techniques. Participants will review associated OSHA standards and available resources. The course is an interactive training session focusing on class discussions and activities. It will help participants identify safety and health hazards in construction.

Fee: \$525

OSHA 7500

INTRODUCTION TO SAFETY AND HEALTH MANAGEMENT

This course covers the effective implementation of a company's safety and health management system. The course addresses the four core elements of an effective safety and health management system and those central issues that are critical to each element's proper management. This course is an interactive training session focusing on class discussion and workshops. Upon course completion students will have the ability to evaluate, develop, and implement an effective safety and health management system for their company.

Fee: \$275

OSHA 7505

INTRODUCTION TO INCIDENT (ACCIDENT) INVESTIGATION

This course covers an introduction to basic accident investigation procedures and describes accident analysis techniques. Course topics include reasons for conducting accident investigations, employer responsibilities related to workplace accident investigations, and a six- step accident investigation procedure. The target audience is the employer, manager, employee or employee representative who is involved in conducting accident and/ or near-miss investigations. Upon course completion, students will have the basic skills necessary to conduct an effective accident investigation at the workplace.

Fee: \$275

OSHA 7510

INTRODUCTION TO OSHA FOR SMALL BUSINESSES

This course covers an introduction to the Occupational Safety and Health Administration (OSHA) and the OSH Act for owners and managers of small businesses. Course topics include an introduction to OSHA, OSHA Standards, the inspection process, implementing a safety and health program, worker training requirements and assistance available to small businesses. Upon course completion students will understand OSHA operations and procedures and how to work with OSHA to prevent or reduce injuries and illnesses in their workplace.

Fee: \$275

OSHA 7515

JOB HAZARD ANALYSIS (JHA)

This course covers OSHA guidelines for developing a Job Hazard Analysis. Course topics include the purpose and requirements of a job hazard analysis, the relationship between worker tasks and tools in a work environment, identifying job hazards before they occur, and techniques for completing a job hazard analysis. Students will participate in activities about utilizing a job hazard analysis.

Fee: \$275

OSHA 7845

RECORDKEEPING RULE SEMINAR

This course covers OSHA requirements for maintaining and posting records of occupational injuries and illnesses, and reporting specific cases to OSHA. Upon course completion students will have the ability to identify OSHA requirements for recordkeeping, posting and reporting and to complete OSHA Form 300 Log of Work-Related Injuries and Illnesses, OSHA Form 300A Summary of Work-Related Injuries and Illnesses, and OSHA Form 301 Injury and Illness Incident Report.

Fee: \$250

OSHA Trainer Courses

INITIAL TRAINER COURSES

OSHA 500 TRAINER COURSE IN OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR THE CONSTRUCTION INDUSTRY

This course is designed for individuals interested in teaching the 10- and 30-hour construction safety and health Outreach Training Program to their employees and other interested groups. Using OSHA Construction Standards as a guide, special emphasis is placed on those topics required in the 10- and 30-hour programs as well as those which are most hazardous. Students are briefed on effective instructional approaches and use of visual aids and handouts. This course allows the student to become a trainer in the OSHA Outreach Training Program, to conduct both 10- and 30-hour Construction Outreach classes, and to issue cards to participants after verifying course completion. Students who wish to participate as authorized Outreach trainers in the OSHA Outreach Training Program must prepare a presentation on an assigned OSHA Construction Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course.

Required prerequisite: OSHA 510 and five (5) years of construction safety experience. See osha.ucsd.edu for additional requirements.

Fee: \$825

OSHA 501 TRAINER COURSE IN OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR GENERAL INDUSTRY

This course is designed for individuals interested in teaching the 10- and 30-hour general industry safety and health Outreach Training Program to their employees and other interested groups. Using the OSHA General Industry Standards as a guide, special emphasis is placed on those topics required in the 10- and 30-hour programs as well as those which are most hazardous. Students are briefed on effective instructional approaches and use of visual aids and handouts. This course allows the student to become a trainer in the OSHA Outreach Training Program, to conduct both 10- and 30-hour General Industry Outreach classes, and to issue cards to participants after verifying course completion. Students who wish to participate as authorized trainers in the OSHA Outreach Training Program must prepare a presentation on an assigned OSHA General Industry Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course.

Required prerequisite: OSHA 511 and five (5) years of general industry safety experience. See osha.ucsd.edu for additional requirements.

Fee: \$825

OSHA 5400 TRAINER COURSE IN OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR THE MARITIME INDUSTRY

This course is designed for individuals interested in teaching the 10- and 30-hour Maritime safety and health Outreach Training Program to their employees and other interested groups. Special emphasis is placed on those topics required in the 10- and 30-hour Outreach Training Program as well as the most hazardous in the maritime industry using OSHA Maritime Standards as a guide. Students are briefed on effective instructional approaches and use of visual aids and handouts. This course allows the student to become a trainer in the Outreach Training Program, to conduct 10- and 30-hour maritime classes in shipyard employment, marine terminals, and longshoring, and to issue cards to participants after verifying course completion. Students in OSHA 5400 Trainer Course in OSHA Standards for the Maritime Industry who wish to participate as authorized Outreach Trainer Program trainers in the OSHA Outreach Training Program must successfully prepare a presentation on an assigned OSHA maritime industry Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course.

Required prerequisite: OSHA 5410, and five (5) years of maritime safety experience. See osha.ucsd.edu for additional requirements.

Fee: \$825





OSHA Trainer Courses

INITIAL TRAINER COURSES

OSHA 5600 DISASTER SITE WORKER TRAINER COURSE

This course prepares experienced Outreach Training Program trainers to present 7.5- and 15-hour Disaster Site Worker Outreach training classes intended for second responders (those arriving hours or days after the event). Course topics include the National Response Framework, the Incident Command System, disaster work zone safety, respiratory protection, communication issues, applying elements of successful adult training programs, and knowledge, skills, and attitudes to awareness training about safety and health standards at natural and human-made disaster sites.

Students are provided the opportunity to practice knowledge and skills through discussion, planned exercises, demonstrations, and presentations. Students who wish to participate as authorized Disaster Site Worker trainers must prepare a presentation on an assigned disaster site worker topic individually or as part of a group. Successful completion of this course authorizes students to become trainers in the Disaster Site Worker Outreach Training Program and issue course completion cards to participants.

Required prerequisite:

1. OSHA 500 or OSHA 501
2. Three years safety training experience -AND-
One of the following:
 - a. 40-hour HAZWOPER training (within the last five years)
 - b. 8-hour HAZWOPER refresher training (within the last 12 months), or
 - c. Possession of journey-level credentials in a building trade union

Fee: \$825

OSHA Trainer Courses

UPDATE TRAINER COURSES

OSHA 502 UPDATE FOR CONSTRUCTION INDUSTRY OUTREACH TRAINERS

This course is designed for Outreach Training Program trainers who have completed OSHA 500 Trainer Course in Occupational Safety and Health Standards for the Construction Industry and are authorized trainers in the OSHA Outreach Training Program. The course provides an update on OSHA Construction Standards, policies, and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define, and explain construction industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour Construction Outreach Training Program classes.

Required prerequisite: OSHA 500 or OSHA 502 course within four (4) years. See osha.ucsd.edu for additional requirements.

Fee: \$600

OSHA 503 UPDATE FOR GENERAL INDUSTRY OUTREACH TRAINERS

This course is designed for Outreach Training Program trainers who have completed the OSHA 501 Trainer Course in Occupational Safety and Health Standards for General Industry and who are authorized trainers in the OSHA Outreach Training Program. The course provides an update on OSHA General Industry Standards, policies, and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define, and explain general industry hazards and acceptable corrective measures as they continue to teach the 10- and 30- hour General Industry Outreach Training Program classes.

Required prerequisite: OSHA 501 or OSHA 503 course within four (4) years. See osha.ucsd.edu for additional requirements.

Fee: \$600

OSHA 5402 MARITIME INDUSTRY TRAINER UPDATE COURSE

This course is designed for individuals who have successfully completed the OSHA 5400 Trainer Course in OSHA Standards for the Maritime Industry and are active Outreach Training Program trainers. The course updates the OSHA Maritime standards, policies, and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define and explain maritime industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour Outreach Training Program classes.

Required prerequisite: OSHA 5400 or OSHA 5402 within four (4) years. See osha.ucsd.edu for additional requirements.

Fee: \$725

Visit OSHA.UCSD.EDU for up-to-date information on course dates and locations.



UC San Diego Safety Courses

EM385-1-1 40-HOUR SAFETY

This course is for contractors, military and government employees who enforce or must comply with the EM385-1-1 U.S. Army Corps of Engineers safety and health requirements. You will learn procedures of the Navy and U.S. Army Corps of Engineers contracts, and the safety and health requirements of the U.S. Army Corps of Engineers Safety and Health Requirements manual. Upon completion, students receive an official OSHA 30-hour card for construction. Topics include preparation of a site-specific accident prevention plan, intro to OSHA, site safety health officer's qualifications and responsibilities, activity hazard analysis development, on-site personnel training, incident response, job site auditing and hazard communication.

Fee: \$1095

ELECTRICAL HIGH VOLTAGE STANDARDS - FEDERAL

OSHA classifies any use of electrical service over 600 volts as high voltage. Regulations and accepted industry standards require employers to meet specific training requirements for their employees who work with high voltage electrical installations. These rules apply to commercial, industrial and government sites as well as electric utility generation, transmission and distribution installations. This course provides information crucial to safely operating your facility. Along with advanced knowledge of critical compliance issues, emphasis is placed on hazard awareness and abatement methods. Topics include fundamentals, definitions, wiring methods, practices and equipment and lockout/tagout.

Recommended prerequisite: OSHA 3095

Fee: \$825

HEAT STRESS

Every year thousands of workers face hot working conditions leading to illness and sometimes even death. This preventable exposure has recently received considerable attention and poses a risk to both outdoor and indoor workers. This course provides health and safety professionals and supervisory employees with in-depth information regarding heat stress. Topics include how heat affects the body, personal risk factors, methods used to measure environmental heat, methods used to conduct physiological monitoring, the spectrum of control measures, and how to develop and implement a heat stress program. The course will also discuss the status of the National Emphasis Program and the proposed federal regulations on heat stress. Case studies, exercises, and videos will be used throughout the course to facilitate the learning objectives.

Fee: \$275

INTRODUCTION TO FIRE AND LIFE SAFETY IN THE WORKPLACE

This course is designed to provide students with the knowledge and understanding of fire and life safety requirements in the workplace including fire prevention, fire protection, and fire suppression methods. The class will familiarize students with the applicable codes, standards and regulations as well as the history leading to the fire and life safety requirements. Students will learn to apply the requirements to specific workplace situations. The class will cover systems and equipment used to provide fire & life safety in the workplace and how to maintain/inspect them.

Fee: \$725

LAWS AND REGULATIONS

This course includes a basic overview of Federal OSHA standards with main emphasis on Cal/OSHA standards. Students will be coached through a jobsite inspection process from the opening conference to the closing conference. Working group sessions will study actual court cases highlighting preparation for a hearing, burden of proof, affirmative defenses and discovery. The overall objective of this course is to enable students to better prepare for workplace inspections conducted by OSHA and responding to citations issued. Topics Include: Fed OSHA and Cal/OSHA, Citation categories, Abatement, Litigation and Hearing/Settlement Conference procedures, Injury Illness Prevention, Personal Protective Equipment, and Respiratory Protection.

Fee: \$825

NFPA 70E ELECTRICAL SAFETY STANDARDS

If you work on or near energized electrical systems, have a safety role at these sites or are an emergency responder, this course is for you. The new electrical safety standards (NFPA 70E) are the next step to a safer electrical environment in the workplace. Anyone who deals with hazards such as electrocutions, fires and explosions should attend. Learn how to prevent serious disabling injuries, damage to equipment and work sites and, most importantly, save lives.

Fee: \$450

SAFETY INSPECTION TECHNIQUES

Learn the most commonly used safety inspection standards, tools and techniques in this three-day course. Experience an organized approach to inspecting and auditing projects to insure OSHA compliance and injury prevention. Visit both construction and general industry sites to perform an inspection and prepare a final report.

Fee: \$725

UC San Diego Safety Courses

SAFETY LEADERSHIP I

A manager has employees that report to him or her, but not all managers have good leadership skills. Leadership can be defined as the ability to compel and motivate others towards the leader's goals. In safety, this translates into leaders that go beyond simply defining and implementing safety and health policies and procedures. Through lectures, presentations and real-world simulations, students will learn topics including: Alignment of values within an organization around safety, exhibiting visible leadership each day, identifying an organization's safety strengths and weaknesses and improvements, constructive intervention skills, fostering two-way dialogue between employees and leadership, setting and maintaining safety expectations. By the end of the course, safety professionals will have the skills necessary to become safety leaders.

Fee: \$725

SAFETY LEADERSHIP II

Safety culture can be summed up as the approach, acceptance, attention, awareness and attitude that an organization and its employees have regarding safety in the workplace. Safety culture is a part of the larger organizational culture, and can be summed up as "the way we do things around here." When workplace illnesses, injuries and deaths occur, they can often be traced back to a breakdown in communication, and lack of understanding and adherence to the safety policies and procedures – and/or the inadequacy of the policies and procedures themselves. This course will help students identify, create and improve an organizational safety culture by focusing on areas such as: Ensuring leadership commitment at all levels, making workplace safety the top priority in all instances, organization-wide safety communication, discipline system for unsafe practices, employee empowerment to suggest improvements in safety practices and viewing safety as an investment and not a cost.

Fee: \$725

TRAINER COURSE - CONFINED SPACE

Gain the knowledge and skills to instruct a confined space entry class within your organization. The course will cover advanced confined space issues, teaching, resources, instructional methodology and points on how to jazz up your presentation. Students will be required to give a ten minute presentation for evaluation by other students.

Prerequisite: OSHA 2264 from UC San Diego.

Fee: \$525

TRAINER COURSE - FALL PROTECTION

This course is a continuation of the OSHA 3115 - Fall Protection Course. Students will learn how to apply the fall protection training standards, effective training techniques and develop a fall protection training plan. Course topics include: course introduction and orientation; Fall protection hierarchy; Training techniques; OSHA requirements for fall hazards training; ANSI Z 359.2 training requirements; Exercise - Develop a fall protection training program.

Prerequisite: OSHA 3115.

Fee: \$325

TRAINER COURSE - FORKLIFT SAFETY

In this course, participants will learn what the OSHA requirements are, how they affect your company and how to comply with the standards. This course is designed to give the participants the tools and knowledge needed to teach forklift operators about the OSHA requirements. Trainers should develop their own programs and audiovisual aids to use when they are teaching forklift safety courses. While this course is general in nature, as a trainer you will need to provide training which is specific to the types of

powered industrial trucks (forklifts) which the students will be operating.

Fee: \$525

TRAINER COURSE - TRENCHING

This course reviews the Federal and State OSHA requirements for excavation and trenching activities. Emphasis will be placed on training techniques, prevention strategies and practices such as inspections, permitting procedures, soil analysis, and competent person responsibilities.

Prerequisite: OSHA 3015.

Fee: \$525

WORKERS' COMPENSATION FOR SAFETY PROFESSIONALS

All employers are required by law to cover their workers for damages that result from work-related injuries or illnesses, or to compensate surviving spouses or minor children when a worker is killed at work. Knowledge of the workers' compensation system should be understood by all safety professionals, and those employers rely on to manage the system must be well aware of how to control the costs of insurance premiums. This course will cover the fundamentals of coverage requirements, options for obtaining coverage, how premiums are calculated and how claims affect the cost and availability of continued coverage.

Fee: \$325

FINANCIAL ASSISTANCE

(Including GI Bill and San Diego Workforce Partnership Funds)

The OS&H Department at UC San Diego Extended Studies is pleased to provide information regarding financing your continuing education needs. Paying for a certificate program should not be an obstacle. Private loans are available to assist students with enrollment and certificate fees.

For more information on loans and other financial resources (including GI Bill and San Diego Workforce Partnership Funds), please visit extendedstudies.ucsd.edu/financial.



VIRTUAL INSTRUCTOR LED TRAINING (VILT)

LIVE ONLINE!



BENEFITS

- No travel or commuting to class. You no longer have to get on a plane or drive to class, which saves money for you and your company
- Access to electronic materials
- Relationship building through Discussion Boards via Canvas
- Academic units from these classes may be applied to the Professional Safety and Health Officer and Safety and Health Specialist Certificate Programs
- Networking with subject matter expert instructors and peers

ARE VILT CLASSES FOR YOU?

What you need to know before attending:

- These classes use Zoom for the live video-based platform.
- Per OSHA's guidelines for VILT courses, students are required to have video capabilities and must be visible at all times to the instructor and facilitator during the class. Students are required to attend all days and times in order to receive a course completion certificate and/or trainer card.
- It is mandatory for students to be at a stationary site. Students are not allowed to be in a vehicle, driving, and/or on a phone while participating during class. Students must use a computer in order to achieve the highest level of participation with Canvas and Zoom.

EARLY REGISTRATION IS HIGHLY RECOMMENDED

The VILT classes at the UC San Diego OTIEC are available to anyone who lives or works in Alaska, American Samoa, Arizona, California, The Commonwealth of the Northern Mariana Islands, Guam, Hawaii, Idaho, Nevada, Oregon and Washington. Additionally, if you are a current Outreach Trainer with UCSD, regardless of your residence, you are still eligible to attend a Trainer Update Course (OSHA 502, OSHA 503, OSHA 5402).

Event Safety Courses

CROWD SAFETY, PLANNING AND MANAGEMENT

This course provides an in-depth exploration of crowd safety, focusing on the principles of crowd management, control, and strategic planning for mass gatherings of all types. Building on concepts from 'Introduction to Event Safety,' students will learn how to effectively manage crowd flow, assess and understand venue capacity, and plan for safe evacuations.

Fee: \$495

EVENT INCIDENT AND PLANNING AND MANAGEMENT

This course provides a comprehensive examination of incident planning and management within the context of live events, emphasizing the importance of proactive risk assessment and incident prevention strategies. Building on foundational principles from 'Introduction to Event Safety,' students will explore techniques for identifying and mitigating potential on-site incidents. Essential topics such as incident response, investigation, documentation, and the critical role of learning from past incidents to continually improve safety plans. Additionally, students will gain an understanding of the broader impacts of incidents, including harm to people, damage to property, threats to the environment, and risks to organizational reputation, as well as the implications for event insurance. Through case studies and data-driven analysis, participants will learn to develop and implement incident management plans that protect both patrons and staff, ensuring a safer event environment.

Fee: \$595

EVENT SAFETY MANAGEMENT

This course focuses on the essential aspects of building and managing an effective event safety program, emphasizing the importance of authentic leadership, coaching, and clear communication. Expanding on concepts from 'Introduction to Event Safety,' students will explore the role of leadership in creating a supportive, learning-oriented environment where team members can thrive. The course highlights the value of mentorship and continuous learning, encouraging event professionals to foster a culture of collaboration and skill-sharing. Through interactive discussions and practical scenarios, students will learn strategies for effective team management, including how to harness diverse skill sets and experiences to enhance safety outcomes at event sites. By the end of the course, participants will be equipped to lead with confidence, inspire their teams, and create a positive safety culture that benefits all stakeholders.

Fee: \$795

Visit [OSHA.UCSD.EDU](https://www.osha.ucsd.edu) for up-to-date information on course dates and locations.



Event Safety Courses

EVENT SAFETY PLANNING AND DESIGN

This course introduces the principle of 'safety by design,' emphasizing the critical role of safety planning from the earliest stages of event conceptualization and feasibility studies. Building on the foundational concepts introduced in 'Introduction to Event Safety,' students will learn how integrating a safety mindset into the design and planning phases can significantly reduce risks and enhance overall safety. The course covers best practices for involving safety personnel in the initial stages of event planning, ensuring that safety considerations are embedded in every aspect of event design, from site selection to infrastructure layout. Through real-world examples and collaborative exercises, students will learn to develop comprehensive safety plans that address potential hazards before they materialize, setting the stage for safe and successful event execution.

Fee: \$795

INTRODUCTION TO EVENT SAFETY

This course provides an overview of event safety, serving as the foundation for the Event Safety Certificate Program. It is designed to introduce students to key concepts and practices in event safety planning and management, with a focus on terminology, stakeholder identification, risk management, and the hierarchy of controls. Students will be introduced to how to identify and manage risks in live event scenarios, equipping them with the knowledge and skills necessary to ensure safe event production.

Fee: \$495

PRODUCTION AND WORKFORCE SAFETY

This course examines the issues and hazards affecting the safety of event production workers. Students will be introduced to legal and regulatory concepts, including duty of care, regulatory bodies, training, documentation, multi-employer workplace concerns, and general human resources (HR) concepts related to safety. The course also addresses workplace hazards commonly encountered by event workers, such as electricity, working at height, fatigue, heat, machinery, dropped objects, and material handling. By the end of the course, students will be able to identify the major physical hazards associated with the different phases of event production, accurately describe stakeholder responsibilities, and develop tools to manage safety during various job processes.

Fee: \$495

TEMPORARY EVENT STRUCTURES

This course provides an overview of temporary structures commonly used at live events, including stages, platforms, tents, fencing, scaffolding, barriers, and inflatables. Building on foundational principles from 'Introduction to Event Safety,' students will explore planning and safety considerations throughout all phases of a structure's planning, construction and use. The course addresses the principles of physics affecting such structures, including loads, anchorage, ballast, and stability; how ancillary systems and processes impact their assembly and use; and, the identification and control of related safety hazards and risks. By the end of the course, students will be able to assess the safety of temporary structures, identify potential risks, and describe appropriate safety measures.

Fee: \$495

WEATHER SAFETY FOR LIVE EVENTS

This course provides an in-depth exploration of weather safety in the context of live events, building on the foundational knowledge gained in "Introduction to Event Safety". Students will examine a comprehensive range of weather scenarios, from ideal conditions to severe weather events such as extreme heat, heavy rain, high winds, and lightning.

Emphasis is placed on understanding basic meteorological data, developing effective weather action plans, and implementing the hierarchy of controls to mitigate weather-related risks. Through case studies and practical exercises, students will learn to anticipate and manage the impacts of weather on event operations and the physical safety of all stakeholders. By the end of the course, students will be equipped with the skills necessary to create robust weather safety protocols tailored to the specific needs of live events.

Fee: \$495

Emergency Incident Management & Leadership

FIRE AND EMERGENCY SERVICES INSTRUCTOR 1: INSTRUCTIONAL METHODOLOGY

This course provides the skills and knowledge needed for the intermediate level professional instructor to safely, effectively, and competently develop lesson plans and evaluation instruments, teach and deliver instruction, evaluate and coach other instructors, and analyze resources and formulate a program budget.

Fee: \$650

FIRE AND EMERGENCY SERVICES INSTRUCTOR 2: INSTRUCTIONAL DEVELOPMENT

This course provides the skills and knowledge needed for the intermediate level professional instructor to safely, effectively, and competently develop lesson plans and evaluation instruments, teach and deliver instruction, evaluate and coach other instructors, and analyze resources and formulate a program budget.

Fee: \$650

ETHICAL LEADERSHIP FOR FIRE AND EMERGENCY SERVICES INSTRUCTORS

This course provides the knowledge and skills needed to identify the value of ethical behavior in instructional settings, describe how ethical norms influence individual ethics, identify a personal ethical perspective and core values and how they impact communication and ethical decision making, and make an ethical decision using an ethical decision-making model, in order to assist in making ethical decisions when faced with an ethical dilemma in an instructional setting and carry out the roles and responsibilities of an SFT instructor in an ethical manner.

Fee: \$300

GROUP DYNAMICS FOR FIRE AND EMERGENCY SERVICES INSTRUCTORS

This course provides the skills and knowledge and is designed to develop leadership skills; group dynamics, problem-solving techniques, and interpersonal relations are utilized in staff meetings, brainstorming sessions, and conference meetings. Skills are developed for conducting formal public meetings, panel discussions, and forums.

Fee: \$595

EMPLOYING AUDIOVISUAL AIDS FOR FIRE AND EMERGENCY SERVICES INSTRUCTORS

This course covers the principles and selection of media in the instructional process, employment of basic and advanced forms of instructional media, use of computers in the instructional process, and individualized instruction programs. Teaching demonstrations are required of all participants.

Fee: \$595

TECHNIQUES OF EVALUATIONS FOR FIRE AND EMERGENCY SERVICES INSTRUCTORS

This course provides the skills and knowledge needed for the intermediate level professional instructor to perform his or her duties safely, effectively, and competently. The curriculum is based on the 2012 edition of NFPA 1041 Standard for Fire Service Instructor Professional Qualifications and the 2012 edition of NFPA 1403 Standard on Live Fire Training Evolutions. At the end of this course, candidates for Instructor II certification will be able to develop lesson plans and evaluation instruments, teach and deliver instruction, and evaluate and coach other instructors. The Instructor II will also be able to analyze resources and formulate a program budget.

Fee: \$595





TURN YOUR SAFETY TRAINING INTO COLLEGE CREDIT



**COLUMBIA
SOUTHERN**
UNIVERSITY

LEARNING PARTNER

As a UC San Diego OTI Education Center Student, when you attend Columbia Southern University, you will receive:

- A 10% Discount on all classes
- Application and Transcript Request Service fees waived
- Textbooks at NO COST through the CSU Book Grant
- Access to Exclusive Scholarship Opportunities
- GSP Designation when graduating with a B.S. or M.S. in Occupational Safety & Health

Many classes taken at UC San Diego will transfer into Columbia Southern University for college credit applicable to an Associates or Bachelor's degree at CSU. For a complimentary evaluation of your previous college credits, military, and job training (OSHA, Hazwoper, etc.), or if you have additional questions, please contact **Ernie Smith**, ernie.smith@columbiasouthern.edu, Call **800-977-8449**, or visit www.columbiasouthern.edu/OSH.

BE SURE to mention UC San Diego when you reach out to get these valuable benefits!



TRAINING BROUGHT TO YOU

The UC San Diego OTIEC is dedicated to providing a superior level of courses for companies seeking the benefit of on-site training.

UC San Diego will bring any class to your site or provide Virtual Instructor Led Training so employees don't have to travel—which saves you time and money. All of the administrative efforts from beginning to end are covered by our contract specialists.

Just tell us which class(es) you need, where the training will be held, when you need the training, and how many people will be participating. It's that easy.

FOR MORE INFORMATION EMAIL:
oshatraining@ucsd.edu

BENEFITS:

1. No travel required. We bring the instructor and materials to you.
2. Virtual Instructor Led Training (VILT)
3. Flexible scheduling
4. Cost savings
5. Customized courses available
6. Industry expert instructors

Registration Information



ENROLLMENT

You can enroll online, by mail, or Purchase Order. Many courses have prerequisites that are required by OSHA. Please see individual course descriptions prior to enrolling.

Online enrollment

myextension.ucsd.edu

After you have logged in, make sure to have the Section ID for the class in which you intend to enroll. Click on the "cart" icon to continue with registration. Students must receive prior approval before enrolling in an OSHA trainer course.

Assistance with payments:

Call (858) 534-3400 or email unex-reg@ucsd.edu

Purchase orders: Purchase orders must be submitted on company letterhead, and should be submitted to unex-cashiering@ucsd.edu.

Mail payment to:

UC San Diego
Division of Extended Studies
Attn: OSHA Training Institute Education Center
9500 Gilman Drive MC0170F
La Jolla, CA 92093
Payable to: UC Regents

MY EXTENSION

- Access your student records
- Update your contact information
- Enroll in classes
- Request to drop a course
- Change your grading option
- Access course details and location information
- Choose your marketing and communication preferences

YOU CAN VIEW, PRINT, AND MUCH MORE!

- Enrollment receipts
- Grade reports
- Academic history

LOG ON IN THREE EASY STEPS

1. Visit myextension.ucsd.edu
2. Enter your user name (email address)
3. Enter your password. If you do not know your password, click on the "Forgot your password?" link to create a new one

If you need any assistance with this process, call (858) 534-3400.

GET IN TOUCH WITH US

OSHA Training Institute Education Center Department:

For information on OSHA courses, OSHA trainer courses, prerequisite verification forms, or trainer card replacements.

Email: oshatraining@ucsd.edu
Phone: (858) 534-9271

Outreach Trainer Department:

For information on OSHA student cards, online reporting (Storefront portal) questions/assistance, trainer address/contact information changes.

Email: oti-outreach@ucsd.edu
Phone: (858) 534-9283

Connect on Social Media:



GENERAL INFORMATION

CLASS DISCOUNT POLICY

10% DISCOUNT

The following students are eligible for a 10% discount (valid any time prior to course start date):

Military

Students must use a military email when enrolling. Please email unex-reg@ucsd.edu to provide a military email and Student Services will be able to honor the 10% discount.

Companies enrolling five or more employees into the same class are eligible for a 10% discount.

Discounts cannot be used for the OSHA 502, OSHA 503, one-day or two-day courses. Discounts cannot be combined with other offers.

REFUNDS AND CANCELLATIONS

Cancellations must be made at least two weeks prior to the course start date to be eligible for a refund. Students who do not attend the first day of class will not be refunded.

Please note: In the unlikely event that UC San Diego cancels a course, students will receive a full refund.

MINIMUM CONTINUING LEGAL EDUCATION (MCLE) CREDIT

These credits apply to the Laws and Regulations course.

FINANCIAL ASSISTANCE

(Including GI Bill and San Diego Workforce Partnership Funds)

The OS&H Department at UC San Diego Extended Studies is pleased to provide information regarding financing your continuing education needs. Paying for a certificate program should not be an obstacle. Private loans are available to assist students with enrollment and certificate fees. For more information on loans and other financial resources (including GI Bill and San Diego Workforce Partnership Funds), please visit extendedstudies.ucsd.edu/financial.

COURSE CREDIT

ABIH CREDIT: The American Board of Industrial Hygiene offers Certification Maintenance (CM) points for specific courses that have been registered.

BCSP CREDIT: The Board of Certified Safety Professionals offers Continuance of Certification (COC) points.

BRN CREDIT: The Bureau of Registered Nurses offers BRN credit. Reference UC San Diego provider number 00058.

All of the Occupational Health and Safety Department courses at UC San Diego Extended Studies, including the OTIEC courses, offer several types of academic and industry credit. The general key for calculating credits is:

CREDIT TYPE	1/2-DAY	1-DAY	2-DAY	3-DAY	4-DAY	5-DAY
CEU	0.4	0.8	1.6	2.4	3.2	4.0
Academic Credit	0.5	0.5	1.5	2.5	3.0	4.0
ABIH (CM points)	.67	1.33	2.67	4.0	5.34	6.68
BCSP (COCs)	0.4	0.8	1.6	2.4	3.2	4.0

STAY INFORMED WITH SAFETY MATTERS

- Upcoming Classes
- New Courses
- Certificate Programs
- Pacific Coast Safety Fest
- Events and Conferences
- Resources for Outreach Trainers
- Information from OSHA

Visit osha.ucsd.edu to sign up.

SIGN UP



2026 COURSE CATALOG



Not Printed at State Expense

UC SAN DIEGO'S OTI EDUCATION CENTER COURSE LOCATIONS

Formerly known as OSHA Region 9,
the UC San Diego OTI Education Center,
is now part of the **San Francisco Region**
and includes all of the locations
listed below:

- ALASKA
- AMERICAN SAMOA
- ARIZONA
- CALIFORNIA
- COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS (CNMI)
- GUAM
- HAWAII
- IDAHO
- NEVADA
- OREGON
- WASHINGTON



Additional Training Options:

