



HARVARD SCHOOL OF PUBLIC HEALTH

CENTER FOR CONTINUING PROFESSIONAL EDUCATION

Where theory informs practice and practice informs theory®

New! Safety in Design and Construction: A Lifecycle Approach **February 23–27, 2009** **Boston, Massachusetts**

[Register for 2009](#)

[Download the 2009 Brochure](#)

The Bureau of Labor Statistics reports that the construction industry has the highest number of both fatal and nonfatal occupational injuries in the U.S. The *Safety in Design and Construction* program outlines the factors that impact safety and will equip attendees to identify and eliminate hazards at every phase of the project.

Program overview:

Safety in Design and Construction was developed using Design for Construction Safety theories, which recommend that safety considerations be initiated early in the construction lifecycle, rather than at the construction phase of a project. This proactive approach results in a decrease in accidents and injuries.

This comprehensive program targets safety during the entire course of a project from demolition of an existing structure, through the concept, design, construction, and operation phases of a new facility. The program will cover accepted strategies and best practices related to each phase of construction.

A goal of this program is to set a standard by which other entities, including OSHA, will evaluate their current training programs.

Why you should attend:

The average lost workday rate for construction in the U.S. is 2.1 (2.1 out of every 100 full-time workers sustain an injury resulting in lost time). The Washington Group International, now the Washington Division of URS, has a lost workday rate below 0.1—that's less than 5% of the national average. This is a direct result of their approach to construction safety, including the design for safety process.

The first step to **decreasing your injury rates** is to participate in *Safety in Design and Construction*. The management techniques and enhanced knowledge of standards and best practices gained during this program will translate into **increased efficiency and profitability through decreased accidents and injuries.**

Who should attend:

Any professional involved in conceptualizing, designing, reviewing, constructing, or operating a facility will directly benefit from this course. Applicable job titles include, but are not limited to:

- Architects and Engineers
- Building Planners and Designers
- Developers
- Owner or Owner's Representatives
- Project Estimators
- Purchasing Agents
- Safety Professionals
- Schedulers

Overview

Who Should Attend

Faculty

Agenda

Credit

Location/
Accommodations

Fee

Register

Download Brochure

Related Programs of Interest:

Guidelines for
Laboratory Design:
Health and Safety
Considerations

Ergonomics and
Human Factors:
Strategic Solutions
for Workplace
Safety and Health

Comprehensive
Industrial Hygiene:
Practical
Applications of Basic
Principles

Management Skills
for Emerging
Leaders in
Environmental
Health and Safety

- Superintendents and Construction Managers
- Project and Building Managers
- Property and Facility Managers

Upon completion of this program, participants will be able to:

- Collaborate with other construction disciplines to identify and eliminate hazards
- Use innovative approaches, including technology and resource management, to minimize risks associated with construction and facility operations
- Apply accepted strategies and best practices related to each phase of construction
- Fully participate in constructability analyses to identify risks and challenges and develop strategies to ensure worker safety
- Understand and comply with key OSHA standards
- Differentiate between perceived liability and actual liability to determine courses of action to minimize exposure
- Establish, promote, and maintain a positive safety culture
- Evaluate the potential impact of decisions made during each phase of a project

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Program Directors

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Bucknell University

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Agenda

Monday, February 23, 2009	
8:00 am	Registration and Continental Breakfast
8:30	Welcome and Introductions — <i>Cunningham</i>
9:30	Program Overview — <i>Burke</i>
10:00	Refreshment Break
10:15	The Business Case for Safety: The Impact of Incidents/Accidents — <i>Burke, Cunningham</i>
11:15	The Case for Integrated Safety Management: Cause and Effect Case Studies — <i>Edic</i>
12:15 pm	Lunch
1:15	Conceptual Phase: Project Team Roles and Impacts — <i>Furst</i>
2:45	Refreshment Break
3:00	The Liability Challenge Associated with Safety Consideration: Panel Discussion — <i>Furst, Kenney, Tenney</i>
5:00	Sessions End
Tuesday, February 24, 2009	
8:00 am	Continental Breakfast
8:30	Course Case Study: Conceptual Phase — <i>Burke, Cunningham, Dennerlein, Edic</i>
9:30	Design Phase: Project Team Roles and Impacts — <i>Furst</i>
10:30	Refreshment Break
10:45	Design for Construction Safety in the U.S. — <i>Gambatese, Toole</i>
12:00 pm	Lunch
1:00	Construction Design Management Regulations in the U.K. — <i>Campbell</i>
2:00	Refreshment Break

2:15	The Use of 3-D Modeling in Risk Assessment — <i>Spruch, MacDonald</i>
3:30	Refreshment Break
3:45	Course Case Study: Design Phase — <i>Burke, Cunningham, Dennerlein, Edic</i>
5:00	Sessions End
Wednesday, February 25, 2009	
8:00 am	Continental Breakfast
8:30	Bid/Plan/Schedule Phase: Project Team Roles and Impacts — <i>Furst</i>
9:30	Refreshment Break
9:45	Successes in the Creation of a Safety Culture: A Practical Approach — <i>Giles</i>
11:00	Course Case Study: Bid/Plan/Schedule Phase — <i>Burke, Cunningham, Edic</i>
12:00 pm	Lunch
1:00	Construction Industry Video: The Impact of Injuries and Accidents
2:00	Refreshment Break
2:15	Construction Phase: Project Roles and Impacts — <i>Furst</i>
3:15	Refreshment Break
3:30	Safety Management Systems — <i>Edic</i>
4:30	Sessions End
Thursday, February 26, 2009	
8:00 am	Continental Breakfast
8:30	EH&S Requirements, Regulations, and Practices (Eight Things Every Person in Construction Should Know) — <i>Burke, Cunningham, Edic</i>
10:30	Refreshment Break
10:45	Continuous Improvement and Maintenance of the Project Safety Culture — <i>Cunningham</i>
11:45	Lunch
12:45 pm	Course Case Study: Construction Phase Task Planning — <i>Burke, Cunningham, Edic</i>
2:00	Refreshment Break
2:15	Measurement of Performance — <i>Burke</i>
3:15	Refreshment Break

3:30	Breakout Sessions
5:00	Sessions End
Friday, February 27, 2009	
8:00 am	Continental Breakfast
8:30	Stories from Tradespeople and Operations
10:00	Refreshment Break
10:15	Course Discussion: Application of Course Theories — <i>Burke, Cunningham, Edic</i>
11:15	Adjournment — <i>Burke</i>
<i>Agenda is subject to change</i>	

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Continuing Education Credit

- 2.8 CEUs, Harvard School of Public Health
- Industrial Hygiene CM points (applied for), American Board of Industrial Hygiene
- The Center for Continuing Professional Education is a registered provider of the American Institute of Architects. This program has been designated for up to 28 AIA/HSW learning units.

The CEUs earned in this program may be applied towards the following credits:

- Board Certified Safety Professional (CSP) Continuance of Certification (COC) Points
- National Society of Professional Engineers
- American Society of Civil Engineers
- Construction Management Association of America (Construction Management Certification Institute)
- American Institute of Architects
- Other Appropriate Credits

The Harvard School of Public Health has an Education and Research Center (ERC) that is funded by the National Institute for Occupational Safety and Health (NIOSH).

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Program Check-In

On the first day, please check in at:

Harvard School of Public Health
FXB Building
651 Huntington Avenue
Boston, MA 02115
617.384.8692

The program takes place at the Harvard School of Public Health, located in the heart of the Harvard Longwood Campus in Boston. Public transportation is also readily available to the city's many shopping districts, museums and restaurants. For directions, please visit: [the Longwood Campus directions page](#).

Accommodations

[The Courtyard Marriott, Brookline](#)

40 Webster Street
Brookline, MA 02446
617.734.1393
\$159/single/double occupancy + 9.7% tax

Rooms have been reserved at this reduced rate until **January 23, 2009**. Reservations should be made when

you receive your registration and payment confirmation. Please mention the program name and the Harvard School of Public Health to receive the special rate. The Courtyard Marriott is approx. 1.8 miles from the program location. **Accommodations include a daily shuttle trip to and from the program location.**

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Program Fee (Dates and fees subject to change)

\$1,795 if payment received between December 2, 2008 and February 16, 2009

\$1,895 if payment received after February 16, 2009

Program fee includes:

- Comprehensive take-home reference manual
- Continental breakfasts, lunches, and refreshment breaks
- Harvard School of Public Health certificate of attendance
- Continuing Education credit

Workforce Training Funding for Massachusetts Employers: This program is eligible for Massachusetts Department of Workforce Development funding grants. Massachusetts companies may be eligible for up to 50% off program fees. Contact the Massachusetts Department of Workforce Development for assistance on filling out the approval forms:

1.800.252.1591

www.mass.gov/wtf

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Payment Policy

Payment must be made in US funds and received in order to process your registration. Payment by credit card is strongly preferred (Visa, MasterCard, AmEx). If paying by check, please make check payable to Harvard School of Public Health-CCPE, and be sure the participant's name is on the check. **Note: Please do not make non-refundable flight arrangements until you have received confirmation from us.**

Substitution/Cancellation Policy

Substitutions may be made without additional charge. All requests for substitutions or cancellations must be made in writing. Cancellations on or before January 2, 2009 will be issued a refund less a \$150 administrative fee per person. Cancellations received between January 3, 2009 and January 30, 2009 will be issued a refund of 50%. **After January 30, 2009, no refund will be issued.** There will be no exceptions to this policy.

Ways to Register

1. To register online simply check off the item below and click Register Now.
2. Call 617.384.8692 and register over the phone. You may also call this number for any registration questions you may have.
3. Print the [PDF Registration Form](#) and fax it to 617.384.8690 with credit card information.
4. You may also fill out, print and mail the form with payment to:

Harvard School of Public Health
Center for Continuing Professional Education
CCPE – Dept. A
677 Huntington Avenue
Boston, MA 02115

(If you are planning on sending an overnight package, please send to [this address.](#))

I have read and understand the payment and cancellation policies.



Register Now!

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