



Mid-Atlantic Construction  
Safety Council  
1717 Arch Street, Suite 3370  
Philadelphia, Pa. 19103  
Phone: (215) 557-1961  
[www.macsc.org](http://www.macsc.org)

Mid-Atlantic Construction Safety Council is a group of like-minded construction safety professionals dedicated to the protection of life and property in the construction industry.

Our efforts are directed towards, but not limited to: sharing safety information for our mutual benefit, fostering safety awareness, standardizing safety practices, encouraging cooperation and open communications, providing a resource of knowledge, experience and information and assisting contractors with implementing and maintaining safe work practices.

Visit us at:  
[www.macsc.org](http://www.macsc.org)

## Certificate Program in Construction Safety Management

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*With the American  
Recovery and Reinvestment  
Act (ARRA) of 2009 there  
will be a great need  
for qualified  
Safety Professionals.*

Revised 01/2012



Temple  
University

AND



**CSP**

Are collaborating to offer:  
**Certificate Program  
in Construction  
Safety Management**



# Certificate Program in Construction Safety Management

Temple University's College of Health Professions, Department of Public Health and the Mid - Atlantic Construction Safety Council are collaborating to offer a certificate program for aspiring safety professionals.

This certificate program in Construction Safety Management is one of only two programs offered nationally and the only one locally.

The Construction Safety Management Certificate will be a valuable asset for safety professional or trades workers seeking to increase his or her knowledge of construction safety and health management. The construction industry, which is experiencing challenges in finding qualified people, will benefit greatly by the efforts of trained personnel to reduce accidents, injuries and illnesses.

The Construction Safety Management Certificate will offer courses from both the College of Engineering and Science and the College of Health Professions.

The overall goal of the Construction Safety Management certificate program is to provide the student with a comprehensive background in the field of Construction Safety Management.

Each of the six courses can be taken as a stand alone class or may be credited towards furthering your education at Temple University.

To complete the certificate program each student will have to complete six courses offered at different times of the year.

This program will enable the student to:


- Identify and evaluate construction worksite hazards
- Design and employ successful safety and health measures
- Plan risk management activities for construction operations
- Successfully integrate construction safety into project management

## Safety Hazards in the Construction Industry

- Understanding OSHA Construction Standards
- Interaction of Safety, Health and the Environment
- Evaluation and development of effective fall protection plans
- Understanding Electrical Safety and Safe Work Practices (NFPA 70E)
- Field trip to identify, select and install appropriate fall protection systems

## Health Hazards in the Construction Industry

- Intro to Industrial Hygiene
- Respiratory Protection and Program development
- Noise surveying and Noise Conservation Program development
- Understanding Earth work and excavation



## Construction Related Accident Investigation

- Mechanics of accidents
- General Principles of Hazard Control
- Loss control information and analysis
- Field trip to an active construction site for incident and accident investigation

## Construction Management for the Safety Professional

- Blue print reading
- CSI format review
- Construction methods and materials
- Review of scopes of work
- Scheduling

## Construction Methods and Materials

- Foundation Work
- Structural steel/Concrete
- Metals, Woods, and Plastics
- Thermal & Moisture Protection
- Mechanical & Electrical

## Construction Safety Internship

- Internship with a construction firm overseen by a safety professional