

Your Construction Safety & Health Program: Safe Students, Safe Workers

For Instructors:

20 Questions to Find out How You and Your Program Are Doing!

Every day, 2-3 workers die on construction sites in the United States. New and young workers are at high risk for injury. CTE programs can help keep future workers safe through quality safety and health education.

How would you answer the following questions?

	YES	NO		YES	NO
1 Does your program have regular internal inspections to ID hazards?			11 Are students required to have OSHA 10 training?		
2 Does your school and program have a system for reporting hazards?			12 Is OSHA 10 training integrated into trade skills courses?		
3 Do hazards get addressed in a timely way—immediately, if high risk?			13 Is safety and health training integrated throughout all trade skills courses?		
4 Does management prioritize solutions that “engineer out” the hazards (such as ventilation systems, auto “saw stop” table saws, or use of safer chemicals)?			14 Is there effective assessment of student safety and health skills?		
5 Have you taken the OSHA 30, or the 500/510 to be an authorized OSHA trainer?			15 Do students learn about the most effective ways for employers to controls hazards using the “hierarchy of controls” (eliminating or engineering out the hazard where possible)?		
6 Are safety and health training goals part of your Professional Development Plan?			16 Do students practice doing job hazard analysis?		
7 Do you have at least two ways you stay up-to-date in safety and health issues?			17 Do students practice communicating with supervisors about safety and health concerns?		
8 Have you received training in how to be an effective instructor?			18 Are students encouraged to report hazards?		
9 Do you have paid time to recruit and work with your Industry Advisory Committee (IAC) members?			19 Are corrective actions taken when students don’t comply with safety rules?		
10 Do you invite IAC members to participate in specific ways that support your safety and health training?			20 Does your program have policies to ensure that off-campus worksites involved in paid and unpaid training experiences have an effective safety and health management system in place?		

Instructors—both fulltime and adjunct—are the linchpins in a construction CTE program's safety and health education. Workers in construction need to be prepared to work safely in changing, hazard-filled environments, armed with the knowledge and skills to protect themselves and their co-workers. **Safety skills are critical employability skills**, and well-trained workers help save their employers the high human and financial costs of injuries.

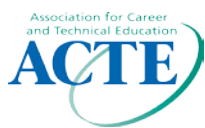
Injuries in construction do not just happen because someone is careless one day. Whether it is at a construction company or a community college, **safety depends on systems** that are established by leadership at schools and by contractors out on the jobsite. Safety must be a comprehensive, systemic component of any CTE construction program, and instructors have especially important roles to play, **modeling safety management** at the highest industry standard in the classroom, and **providing high quality instruction and learning opportunities** for students to develop safety and health competence.

Find Out How Your Program Is Doing!

- * Take the online assessment
- * Check out the guide

<http://lohp.org/cte-guide/>

Research on post-secondary CTE construction safety and health education was conducted in 2015-16 by the University of California Berkeley's Labor Occupational Health Program and West Virginia University's Injury Control Research Center, with help from project partners



Essential Program Components & Data from Our Recent Research

Safety & Health Management Systems

- Management Leadership
- Regular Inspections
- An Active Reporting System
- All Injuries, Incidents and Near Misses Investigated
- Hazards Controlled Effectively

50% of instructors reported that programs regularly conduct internal safety and health inspections.

Instructor Qualifications & Support

- Instructor Field Experience
- Support to be Effective Instructors
- Staying Up-to-Date in Safety and Health
- Engaging Industry Advisory Committees (IACs)

53% of instructors said they are very likely to consult with their Industry Advisory Council to stay up to date on best safety and health practices

Effective Teaching & Learning

- Curriculum Reflects Core Safety & Health Competencies
- OSHA 10 Included and Taught Well
- Safety and Health Skills Taught Effectively
- Students Learn Self-advocacy and Problem-solving Skills

55% of programs required an OSHA 10 and/or OSHA 30 course for students.

Offsite Learning

- Policies in place to ensure safe work practices and effective supervision of students

66% of CTE administrators reported having systems in place to ensure internship sites employ safety and health practices.