

Zero Injury Institute

Certifications in Zero Injury Technology

Certification Study Content Outlines

The Zero Injury Institute offers for each position on a construction project site certification in the needed position specific zero injury knowledge base to allow that individual to function productively as a zero injury safety culture is created.

Ultimately, the Zero Injury Institute will also be offering company wide Certifications with a framed completion diploma.

These modules are offered to interested parties worldwide. Fee schedule for modules is as follows:

Craft - \$50.00 – now available

Foreman - \$75.00 – now available

Superintendent - \$100.00

Project Manager/Safety Professional Parts One and Two - \$500.00

These two modules are combined because the coordination between the Project Manager and Safety Professional is of extreme importance, hence each must completely understand the other's role.

Training will be online by logging into your account and using the passwords provided for your account. Billing and payments will be by Pay Pal.

As additional modules become available fees will be set for those as well.

For enrolling contact the Zero Injury Institute @ 877-898-ZERO (9378) or zeroinjury@gmail.com

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**ZII Craft Course for Certification in
Basic Zero Injury Knowledge**

Course objective

The objective of the Craft Zero Injury Certification Course is to acquaint the craftsman with the research based information for attaining a zero injury safety culture and the Craft person's individual role in that culture.

Prerequisite

None

Syllabus

The following represents the course outline for Worker Zero Injury Certification

1. Introduction
 - Historical Perspective of Zero Injury
 - Current World Wide Examples of Zero Injury
 - Believability
2. Worker participation and involvement
 - Craft Involvement is a Key
 - Seven CII Research Techniques for Crafts
3. Who is it that wants an Injury
 - Logic for Zero Injury
 - Zero Injury is the Correct Approach
 - Responsibility and accountability
4. The Craft Role
 - The Craft role in a Zero Injury culture of Safety
 - The 21 Craft Role Elements
 - The "I" Factor in Safety Commitment
 - It is Your Decision
5. The Assessment

Total words - 7064 Total recommended time = 1 hour

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Course learning outcomes

With the successful completion of the course and mastery of the Craft Certification Course assessment, the candidate will know:

1. Of the wide spread use of the zero injury safety leadership concept.
2. The definition of the term Zero Injury and understand the craft's essential role in eliminating "at-risk" behavior in the workplace.
3. The experienced based proof that zero injury is a viable and achievable daily outcome.
4. The vital importance of safety planning and the craft's role in creating the Pre-task Safety Analysis with the Foreman.
5. The foundational logic that underpins the concept of creating a zero injury culture through the reduction of "at-risk" behavior.
6. About and understand each of the 24 craft role elements that must be a part of each craft-person's work day.
7. The significance of the "I" in the word "Comm "I" ment.

And will have:

8. Successfully completed a 33 question zero injury concept knowledge assessment.

Upon Certification the Craft Person will have an understanding of the basic CII Zero Injury Safety Concepts. The Crafts will be equipped to participate with fellow crew members in creating a Crew Safety Culture where all avoid at-risk behavior and thus join in creating a zero injury outcome at the end of each workday.

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**The ZII Foreman Course for Certification in
Basic Zero Injury Knowledge**

Course objective

The objective of the Foreman Zero Injury Certification Course is to provide research based safety culture building information for effectively functioning as a Foreman in a zero injury culture of safety.

Prerequisite

Successfully pass the following ZII certification course:

- a. The Craft

Syllabus

The foreman will receive all the information received in the craft course plus:

1. Overall Perspective of Line Supervision
 - The Foreman in Zero Injury
 - Leadership is required
 - Zero Injury Defined
 - Where is the proof
2. Safety Planning
 - Task Safety Planning is Critical
 - Eight CII Zero Injury Techniques on Safety Planning
3. Near-miss/hit reporting and Investigations
 - Defining a Near Miss/Hit
 - Investigating Near Misses
 - Six Important Techniques on Near Miss/hits and First Aids
4. The 20 Foreman Safety Roles in a Zero Injury Culture

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5. Assessment Total = 7673 words. Total 1 hr for Craft + 1.0 hour for Foreman = 2.0 hrs

Course learning outcomes

With the successful completion of the course and mastery of the Foreman Certification Course assessment, the foreman will know:

1. All the information from the Craft Module
2. The importance of the Foreman's role in a zero injury safety culture.
3. The Foreman is the primary safety leader and must display unfailing leadership in order for the culture to become one where injury is a rare event
4. The definition of the term zero injury as the end product of zero at-risk behavior.
5. That there are many employers who have experienced a zero injury outcome.
6. That first and foremost "task safety planning" is the root underpinning of a zero injury culture.
7. The vital importance of near-miss/hit reporting and investigation as a principal preventive activity that can ensure a zero injury result.
8. The intent of the 20 safety role elements that comprise the leadership model of a foreman role in a zero injury safety culture.

Upon Certification the Foreman will have an understanding of the basic CII Zero Injury Safety Leadership Concepts including those of the Craft position. The Foreman will be equipped to oversee her/his crew, and function as overall crew safety leader. As such s/he will be able to teach the basic concepts of zero injury and assist the Crafts. The principal safety role of a Foreman in a Zero Injury Safety Culture is to lead the Crafts in avoiding all at-risk behavior as the work is executed.

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**The ZII Superintendent Course for Certification in
Basic Zero Injury Knowledge**

Course objective

The objective of the Superintendent Zero Injury Certification Course is to provide the essential researched based safety educational information that if used will allow a Superintendent to provide the essential second level supervision required in order to create an ongoing safety culture that avoids at-risk behavior, which of course, results in a zero injury outcome.

Prerequisite

Successfully pass the following ZII certification courses:

- a. The Craft and
- b. The Foreman certification modules.

Syllabus

The supervisor will receive all the information received in the Foreman course plus:

1. Overall Perspective of the Superintendent role in a zero Injury Culture
 - The Superintendent position and safety
 - Origins of the term Zero Injury
 - About the term Zero Injury
 - Beyond Safety Goals to Safety Commitment
 - Zero Injury not to be a Goal
 - Safety Commitment Explored
 - The Zero Injury Definition of Commitment
 - Profit Margin and Zero Injury Commitment
 - The Conclusion of Commitment

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2. The Benefits of a Zero Injury Safety Culture

- The Humanitarian Benefits of Zero Injury
- The Significant Economic Benefits of Zero Injury
- The Return on Investment is Real
- Who is going to pay for it?
- The Research on the Cost Benefit of Zero Injury
- Demonstrate your Safety Commitment through Caring

3. The Superintendent Safety Role in a Zero Injury Safety Culture

- The Purpose of Roles
- Zero Injury Cultural Axioms
- The Production Logic

4. The 23 Superintendent Safety Roles

5. Assessment

Total = 7900 words

Total time = 1 hr for crafts + 1 hour for Foreman +
1 hours for Superintendent = 3.0 hours

Course learning outcomes

With the successful completion of the course and mastery of the Superintendent Certification Course assessment, the superintendent will have:

1. All the zero injury culture building knowledge contained in the craft course.
2. All the zero injury culture building knowledge contained in the foreman course.
3. An understanding of the origin and definition of the term Zero Injury

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4. An in-depth understanding of the importance of Commitment to Safety.
5. An understanding of the all the project benefits of being injury free.
6. Knowledge of the research proven economic benefits of a zero injury job.
7. Knowledge of the critical importance of “Caring” for employees as the Leadership route to reduced at-risk behavior.
8. All pertinent knowledge about the 20 role elements to be used by the Superintendent in the creation of a Zero Injury Safety Culture.

Upon Certification the Superintendent will have an understanding of the CII Zero Injury Safety Leadership Concepts including those of the Foreman and Craft positions. The Superintendent will be equipped to oversee the Foreman safety teams, and function as overall craft leader. As such s/he will be able to teach the basic concepts of zero injury and assist the Foreman. The principal safety role of a Foreman in a Zero Injury Safety Culture is to lead the Crafts in avoiding all at-risk behavior as the work is executed.

**ZII Project Manager/Safety Professional Course for
Certification in
Basic Zero Injury Knowledge**

Part One: Project Manager

Course objective

The objective of the Project Manager Zero Injury Certification Course is to provide the essential foundational zero injury safety educational information that enables a Project Manager to provide the Leadership where all site employees are **“working together”** to create a zero injury safety culture.

Prerequisite

Successfully pass the following ZII certification courses:

- a. The Craft,
- b. The Foreman and
- c. The Superintendent and
- d. The Safety Professional.

Syllabus

The manager will receive all the information received in the Superintendent course plus:

1. Manager Safety Oversight in a Zero Injury Culture
 - The Manager’s Responsibility and Accountability for Safety Which Comes First? Responsibility or Accountability?
 - Nine CII Zero Injury Techniques on Responsibility and Accountability
 - Safety as a Core Value in a zero Injury Culture

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- Defining Safety as a “Core Value”
 - Where do Ethics Come In?
 - Using Proven Safety Technology to Achieve Zero Injury
2. Using the Top 24 CII Zero Injury Techniques
- The Top 24 CII Techniques
 - The importance of Craft Recognition
 - Effective craft involvement processes
 - Behavior Safety
 - Safety Committees that Include Craft workers
 - The importance of Employee Safety Perception Surveys
3. The 25 Project Manager Role Elements in a Zero Injury Culture
- Introduction
 - Manager Role Elements

4. Assessment

Total = 8100 words

Time required = 3 hours + Project Manager - 1 hrs =

Total time 4 hours

Course learning outcomes

With the successful completion of the course and mastery of the Manager Certification Course assessment, the Manager will have an understanding of:

1. The information contained in the craft, the foreman, and the Superintendent certification courses.
2. The zero injury concepts and how to implement them in ways that will empower the project employees under his/her direction

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to eliminate the at-risk behavior that will lead craft workers and other employees in the journey to a zero injury outcome.

3. How holding “Safety as a Corporate Value” is important.
4. How safety accountability can only come after individuals are given specific safety responsibilities to accomplish.
5. Why the defining of job position safety roles is vitally important in creating a zero injury culture.
6. What techniques can be used to win the mind of the employees in achieving a zero injury safety culture.
7. The 24 key manager safety role elements in creating a zero injury safety culture.

Upon Certification the Project Manager will have a broad understanding of the CII Zero Injury Safety Leadership Concepts, including those of the Safety Professional. S/he will be equipped to facilitate project safety teams, teach the concepts of zero injury and assist line supervision and other employees to eliminate the at-risk behavior that will support the journey to a zero injury outcome

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**ZII Project Manager/ Safety Professional Course for
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Basic Zero Injury Knowledge**

Part Two: Safety Professional

Course objective

The objective of the Safety Professional Zero Injury Certification Course is to provide the safety educational information to effectively function in the essential support role in a zero injury safety culture.

Prerequisite

Successfully pass the following ZII certification courses:

- a. The Craft,
- b. The Foreman,
- c. The Superintendent and
- d. The Project Manager.

Syllabus

The safety professional will receive all the information received in the Superintendent course plus:

1. Line Management Accountability - 1054
 - Who is in Charge of Safety?
 - Case Study
 - Bottom Line – Production Management
2. Safety Celebrations Revisited - 1766
 - Celebrating Preventing Injury
 - New Celebration Premise Proposed
 - Zero Injury ROI Explored
3. Accident and Incident Investigations - 1955

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- To Eliminate Unwanted Events
- Fourteen Investigation Techniques
- 4. Post Injury Case Management - 794
 - Caring
 - Six Medical Techniques
- 5. Using Leading Indicator Metrics - 233
 - Leading trumps Lagging
- 6. Taking an Employee Safety Perception Survey - 2344
 - The CII Research Said
 - Survey Features and Requirements
 - How to Create a Perception Survey
 - Selecting the Survey Questions
 - Scientific Efficacy
 - Caution in Surveying Advised
 - Conclusions
- 7. The 42 Role Elements for a Safety Professional in a Zero Injury Culture
 - Total words = 8605
 - Total time = 4 hrs for Project Manage + 1.5 hrs for SP = 5.5 hours

Course learning outcomes

With the successful completion of the course and mastery of the Safety Professional Certification Course assessment, the safety professional will have an understanding of::

1. Safety management is a Line Management Function
 - i. The Safety Function as a support organization
2. The importance of celebrating Zero Injury
3. The ROI of a Zero Injury Culture
4. The CII Research that applies to Incident Investigations
 - i. The need to care for Injured Employees
5. The value of and how to develop a Leading Metric Safety Measurement Process
6. The importance of Employee Safety Perception Surveys

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- i. How to conduct an all employee perception survey
- 7. The 42 role elements of a Safety Professional in a Zero Injury Culture

Upon Certification the Safety Professional will have a broad understanding of the CII Zero Injury Safety Leadership Concepts including those of the Project Manager and will be equipped to facilitate project safety teams, teach the concepts of zero injury and assist line supervision and other employees to eliminate the at-risk behavior that will support the journey to a zero injury outcome