Goal

To bring a new training approach to one of the most dangerous and most cited hazards in the construction industry, fall hazards. This new approach using the establishment of a safety system as the backdrop will bring fresh ideas into an area that has been trained on for years with limited results.

Learning Objective 1
Identify why this training is needed in the construction industry

Enabling Objective 1.1
Identify the three top areas where fall occur most often

Enabling Objective 1.2
Describe the types of jobs that are most likely to be exposed to fall hazards

Enabling Objective 1.3
Recognize the parts of the body that are most often injured during a fall

Learning Objective 2
Explain why falls still occur even though there has been an emphasis on fall hazards for years

Enabling Objective 2.1
Explain the fault with the thought that fall protection is for wimps

Enabling Objective 2.2
Explain the fault with the thought that fall harnesses are the best fall protection

Enabling Objective 2.3
Explain the cost effectiveness of using correct fall protection

Learning Objective 3
Describe the basic elements of a system

Enabling Objective 3.1
Describe each of the six parts of a system

Enabling Objective 3.2
Describe each of the three components of a system

Enabling Objective 3.3
Identify the three safety system values

Enabling Objective 3.4
Explain the difference between the managerial and operational components

Enabling Objective 3.5
Identify the two main tasks of the operational component

Learning Objective 4
Explain the two approaches to safety systems

Enabling Objective 4.1
Identify the 5 points of a Top-Down approach

Enabling Objective 4.2
Identify the 5 points of a Bottom-Up approach

Enabling Objective 4.3
Explain the prioritization of hazards
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- **LO 5**
  - Describe the basic requirements for a fall protection system
  - **EO 5.1** Identify the major hazards involved when working with ladders
  - **EO 5.2** Identify when fall protection is required
  - **EO 5.3** Identify at what height fall protection is required

- **LO 6**
  - Assess the critical safety outcomes for ladders
  - **EO 6.1** Identify the major hazards involved when working with scaffolds
  - **EO 6.2** Identify types of scaffolds
  - **EO 6.3** Recognize hazards while inspecting scaffolds
  - **EO 6.4** Express the proper safe working rules when on ladders
  - **EO 6.5** Choose the proper system failures for the ladder case

- **LO 7**
  - Assess the critical safety outcomes for scaffolds
  - **EO 7.1** Identify the major hazards involved when working with scaffolds
  - **EO 7.2** Identify the types of scaffolds
  - **EO 7.3** Explain the proper construction of each of the scaffolding
  - **EO 7.4** Recognize hazards while inspecting scaffolds
  - **EO 7.5** Explain the purposes of a scaffold competent person
  - **EO 7.6** Explain proper access and work rules for scaffolding
  - **EO 7.7** Choose the proper system failures for the scaffold case

- **LO 8**
  - Assess the critical safety outcomes for elevated/roofing work
  - **EO 8.1** List the types of elevated work
  - **EO 8.2** Identify the major hazards involved with elevated work
  - **EO 8.3** Recognize the proper construction, installations and donning of the different types of fall protection for elevated work
  - **EO 8.4** Recognize the proper construction and use of warning line systems
  - **EO 8.5** Recognize proper use of a safety monitor
  - **EO 8.6** Explain proper use and construction of CDZ and CAZ
  - **EO 8.7** Choose the proper system failures for the roofing case study
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LO 9
Describe the basic requirements for a safety system

EO 9.1
Recognize a Safety Culture

EO 9.2
Recognize the raising of morale in companies where safety is a concern

EO 9.3
Explain how safety systems can lower workers compensation costs

EO 9.4
Recognize the merits in business that come from having a safety program

LO 10
Identify the three critical aspects for creating a safety system

EO 10.1
Explain the meaning of visible commitment of top management, middle management and the worker

EO 10.2
Explain the parts of the organization structure

EO 6.3
Explain the parts of a continuous improvement circle