

Student Learning Outcomes Library

Office of Assessment & Accreditation

Indiana State University

BA/BS Safety Management

Spring 2020

Top of Form

Bottom of Form

Outcome	Related Foundational Studies or Graduate Goal
Identify, describe, and classify common hazards (workplace and general)	
1.1 Identify common hazards in the workplace and general	
1.2 Describe common hazards in the workplace and general	
1.3 Classify common hazards in the workplace and general	
Assess and explain risk and the perceptions of risk by individuals and segments of the population	
2.1 Assess risk as it pertains to occupational safety management	
2.2 Explain individuals' perceptions of risk	
2.3 Explain risk for different segments of the population	
Prepare safety and health education and training materials	
3.1 Develop content-specific safety training programs	
3.2 Demonstrate proficiency in small group presentations	
3.3 Develop effective written and oral presentation skills	Foundational Studies 10: Express themselves effectively, professionally, and persuasively both orally and in writing.

Determine the proper method of managing workforce acceptance of safety procedures, training, and engineering	
4.1 Apply principles of engineering to workplace hazard resolution	
4.2 Develop administrative controls for workplace hazard resolution	
4.3 Select appropriate personal protective equipment when engineering or administrative controls are inadequate	
4.4 Develop written training programs to educate workers in the use of engineering, administrative, and PPE controls	
Select the proper collection, reporting, and summarization methods for incident reporting	
5.1 Select proper data collection method for recordable incident reporting	
5.2 Select proper paper and electronic incident reporting forms	
5.3 Select proper incident data summarization procedures and forms as per 29CFR1904	
Prioritize and recommend the proper action level (design, safety device, warning device, training, or PPE) and control techniques for loss exposure (engineering controls, administrative control, or PPE) to prevent injuries and property losses	
6.1 Prioritize hazard control and management techniques for economic, property, and personnel loss exposures	
6.2 Recommend action levels including design, safety devices, warning devices, training, or PPE to prevent injuries and property losses	
Gain the necessary quantitative and analytical skills to manage a safety department regarding the economic, financial, and decision-making aspects of safety management	
7.1 Apply probability theory to assess risk levels	
7.2 Apply principles of engineering economics to management decision-making	