BA/BS in Safety Management
Courses and Activities Mapped to BA/BS in Safety Management Outcome Set

	1: Identify, describe, and classify common hazards Identify, describe, and classify common hazards (workplace and general)			2: Assess and explain risk Assess and explain risk and the different perceptions of risk by individuals and segments of the population			3: Prepare safety and health education and training material Prepare safety and health education and training materials			4: Determine the proper method of managing workforce Determine the proper method of managing workforce acceptance of safety procedures, training and engineering				5: Select the proper methods for incident reporting Select the proper collection, reporting, and summarization methods for incident reporting			6: Prioritize and recommend the proper action 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		7: Gain the necessary quantitative and analytical skills Gain the necessary quantitative and analytical skills to manage a safety department regarding the economic, financial, and decision making aspects of safety management	
	1.1: Identify common hazards in the workplace and general Identify common hazards in the workplace and general	**1.2: Describe common hazards in the workplace and general** Describe common hazards in the workplace and general	**1.3: Classify common hazards in the workplace and general** Classify common hazards in the workplace and general	**2.1: Assess risk** Assess risk as is pertains to occupational safety management	**2.2: Explain individuals' perceptions of risk** Explain individuals' perceptions of risk	**2.3: Explains risk for different segments of the population** Explains risk for different segments of the population	**3.1: Develop content-specific safety training programs** Develop content-specific safety training programs	**3.2: Demonstrate proficiency in small group presentations** Demonstrate proficiency in small group presentations	**3.3: Develop effective written and oral presentation skills** Develop effective written and oral presentation skills	**4.1: Apply principles of engineering** Apply principles of engineering to workplace hazard resolution	**4.2: Develop administrative controls** Develop administrative controls for workplace hazard resolution	**4.3: Appropriate personal protective equipment** Select appropriate personal protective equipment when engineering or administrative controls are inadequate	**4.4: Develop written training programs** Develop written training programs to educate workers in the use of engineering, administraive and PPE controls	**5.1: Select proper data collection method** Select proper data collection method for recordable incident reporting	**5.2: Select proper incident reporting forms** Select proper paper and electronic incident reporting forms	**5.3: Incident data summarization** Select proper incident data summarization procedures and forms as per 29CFR1904	**6.1: Prioritize hazard control** Prioritize hazard control and management techniques for economic, property, and personnel loss exposures	**6.2: Recommend action level** Recommend action levels including design, safety devices, warning devices, training, or PPE to prevent injuries and property losses	**7.1: Apply probability theory to assess risk levels** Apply probability theory to assess risk levels	**7.2: Apply principles of engineering economics** Apply principles of engineering economics to management decision making
Courses and Learning Activities																				
SFTY 212 Introduction to Industrial Health and Safety	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
SFTY 314 Industrial Health and Safety Legislation							I	I	I	I	I	I	I	P	P	P	I	I	I	
SFTY 315 Industrial Hygiene I	P	P	P	P	P	P	I	I	I	I	I	I	I				P	P	I	I
SFTY 315L Industrial Hygiene I Laboratory	R	R	R	P	P	P	I	I	I	P	P	P	P				R	R	P	P
SFTY 318 Industrial Accident Prevention I	P	P	P							P	P	P	P	P	P	P	P	P		
SFTY 319 Industrial Accident Prevention II	P	P	P				P	P	P	P	P	P	P				P	P		
SFTY 328 Fire Protection Systems/Techniques	P	P	P				I	I	I	P	P	P	P				P	P	I	I
SFTY 335 Industrial Hygiene II	P	P	P	P	P	P	I	I	I	P	P	P	P				P	P	P	P
SFTY 335L Industrial Hygiene II Laboratory	R	R	R	P	P	P	I	I	I	P	P	P	P				R	R	P	P
SFTY 411 Analysis Techniques in Industrial Health and Safety	R	R	R	P	P	P													P	P
SFTY 416 Administration of Industrial Health and Safety Programs				R	R	R	P	P	P	P	P	P	P	R	R	R	P	P	R	R
SFTY 423 Current Issues and Training Concepts in Industrial Health and Safety	R	R	R	R	R	R	P	P	P	P	P	P	P	R	R	R	R	R		
SFTY 460 Human Factors/Ergonomics	P	P	P	P	P	P				R	R	R	R				R	R	P	P
SFTY 492 Professional Field Practice Internship in Safety Management	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Legend: I Introduced P Practiced R Reinforced

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