

SafeGen

HCS 3010: Workplace Safety Practices Learner Outcomes

Learning Units

Unit 1	Accidents, Incidents and Causation
After this unit, the learner will be able to:	
<ul style="list-style-type: none">• Define 'incident', 'accident', 'loss control' and 'causation'• Identify and describe the key components of a loss control system• Explain the relationship between injury, damage, loss and causation	
Unit 2	Hazards
After this unit, the learner will be able to:	
<ul style="list-style-type: none">• Define the terms 'hazard' and 'near miss'• Explain the importance of identifying workplace hazards• Explain how to identify hazards in the workplace• Identify the major categories of workplace hazards and provide examples	
Unit 3	Hazard Assessment, Elimination and Control
After this unit, the learner will be able to:	
<ul style="list-style-type: none">• Explain the relationship among hazard identification, hazard assessment and hazard controls• Describe the process of hazard assessment and evaluation• Identify appropriate hazard controls• Explain the purpose of each level of control – Engineering, Administrative and Personal Protective Equipment (PPE)	
Unit 4	Fire Safety and Prevention
After this unit, the learner will be able to:	
<ul style="list-style-type: none">• Identify and describe the main components of fire• Identify and explain the differences between the five classes of fires (A, B, C, D, K)• List the common causes of fires	
Unit 5	Fire Detection and Response
After this unit, the learner will be able to:	
<ul style="list-style-type: none">• Describe how to control the threat of fires in the workplace• Explain how to extinguish each of the five classes of fire• Explain the three "A's" for fighting fires• Explain the purpose of a fire escape plan	

Unit 6	Electrical Safety
<p>After this unit, the learner will be able to:</p> <ul style="list-style-type: none"> • Explain why electricity can be a hazard • Describe the key parts of a simple electrical system • Explain why electrical wires are insulated • Explain the purpose of a circuit breaker • Explain the purpose of lockout/tagout procedures 	
Unit 7	Ladder Safety
<p>After this unit, the learner will be able to:</p> <ul style="list-style-type: none"> • Identify different types of ladders and when they should be used • Describe the safe set-up and use of each type of ladder • Describe and demonstrate how ladders should be inspected, maintained and stored • Identify ways to protect yourself when using a ladder • Identify legislation relating to the rating and selection of ladders 	
Unit 8	Confined Space
<p>After this unit, the learner will be able to:</p> <ul style="list-style-type: none"> • Describe the various types of confined spaces • Identify hazards that may be found in each type of confined space • Explain the purpose of a safe work procedure • Explain the purpose of a safe work permit 	
Unit 9	WHMIS
<p>After this unit, the learner will be able to:</p> <ul style="list-style-type: none"> • Define and explain the purpose of WHMIS • Identify the three components of WHMIS • Identify the nine classes of hazardous products • Identify the basic labels used in WHMIS • Explain and understand the information provided on a Safety Data Sheet (SDS) • Explain the responsibilities of suppliers, employers and workers when it comes to the safe handling of hazardous products 	
Unit 10 (Optional)	Musculoskeletal Injuries
<p>After this unit, the learner will be able to:</p> <ul style="list-style-type: none"> • Define 'musculoskeletal injuries' (MSIs) • Explain the different categories of MSIs • Explain the importance of listening to your body when completing work tasks 	