

Learner Outcomes

AGR 3000: Agriculture Safety

Learning Units

Unit 1	Hazards: What Are They?
After this unit the learner will be able to:	
<ul style="list-style-type: none">• Define a hazard• Explain the importance of identifying workplace hazards• Identify the 5 major types of workplace hazards and give examples for each type	
Unit 2	Farm Hazards and Injuries
After this unit the learner will be able to:	
<ul style="list-style-type: none">• Identify common hazards found on a farm or feedlot• Assess the risk of different hazards that cause injury or death	
Unit 3	Hazard Assessment and Control
After this unit the learner will be able to:	
<ul style="list-style-type: none">• Identify five types of hazards and list examples of each type• Explain the process of:<ul style="list-style-type: none">○ Hazard Identification○ Hazard Assessment○ Hazard Control• Distinguish among:<ul style="list-style-type: none">○ Engineering Controls○ Administrative Controls○ Basic/Point of Contact/PPE Controls	
Unit 4	Safety on the Farm
After this unit the learner will be able to:	
<ul style="list-style-type: none">• Identify ways in which the risk of injury or death on a farm or feedlot may be reduced or eliminated• Describe and explain links among hazards, risks and controls	
Unit 5	Fire Safety: What is Fire?
After this unit the learner will be able to:	
<ul style="list-style-type: none">• Identify and describe the major components of fire.• Describe how fires burn.• Explain the differences among the 4 classes of fire (A, B, C, D)	

Unit 6	Fire Safety: Types, REACT, PASS
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Describe four classes of fire • List how each of the 4 classes of fire may be extinguished • Explain the meaning of the acronym “REACT” • Demonstrate the proper use of a portable fire extinguisher • Explain the “PASS” 	
Unit 7	Fire Safety: Getting Out Alive
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Explain the purpose of a fire escape plan • Prepare a fire escape plan • Practice an escape plan with eyes closed or blindfolded 	
Unit 8	Electrical Safety: Safety at Work
After this unit the learner will be able to:	
<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 	
Unit 9	Ladder Safety
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Identify three types of ladders and describe their uses • Describe how to set-up each type of ladder safely • Demonstrate how ladders should be inspected • List ways to protect yourself when preparing to use a ladder 	
Unit 10	Confined Space Safety: Getting In and Out
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Describe various types of confined spaces • Identify the hazards that may be found in different confined spaces • Assess the risk of each hazard in each type of confined space 	
Unit 11	Confined Space Safety: Before Entering
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Describe the purpose of a “safe work procedure” • Explain the purpose of a “safe work permit” • List the key parts of a safe work permit 	

Unit 12	WHMIS
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Define Workplace Hazardous Materials Information System (WHMIS) • Explain the purpose of WHMIS • Identify the three parts of WHMIS • Identify 9 classes of controlled substances • Identify the basic labels used in WHMIS • Describe the information provided on Safety Data Sheet (SDS) • Locate information on an SDS • Describe employer's responsibility for providing WHMIS education and training 	
Unit 13	Personal Protective Equipment (PPE)
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Explain the purpose of personal protective equipment • List 7 types of personal protective equipment • Identify the personal protective equipment used in 5 different types of jobs 	
Unit 14	Ergonomics: Fitting the Workplace to You
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Define "Ergonomics" • Describe the role of ergonomics in agriculture workplaces • Identify and describe ergonomic-related hazards found in agriculture workplaces 	
Unit 15	Emergency Response Planning
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Define and describe the purpose of an Emergency Response Plan (ERP) • List key points in an ERP • Describe what a farm/feedlot First Aid program should consist of • Using information from other Fact Sheets, prepare a health and safety action plan for a selected agriculture workplace 	
Unit 16	Job Safety and the Law
After this unit the learner will be able to:	
<ul style="list-style-type: none"> • Define the terms "employer" and "worker" • Discuss the rights and responsibilities regarding safety for employers • Discuss the rights and responsibilities regarding safety for workers • Explain what "Imminent Danger" means • Explain why you can refuse to do unsafe work 	