

## Undergraduate Diploma in Occupational Health and Safety Intake October 2025

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Assessment Task:</b> One written assignment based on chosen questions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      |
| <b>Module:</b> <i>Risk Management in Practice</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Tuition Centre:</b> 21 Academy<br><b>Licence Number:</b> 2018-017 |
| <b>Level:</b> MQF Level 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Student Name:</b>                                                 |
| <b>Date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>ID Number:</b>                                                    |
| <b>Assignment Deadline:</b> 20 August 2026<br><b>Presentation Delivery:</b> 20 July 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      |
| <p><b>Task</b></p> <p>This assignment is designed to evaluate your understanding of risk management practices and your ability to implement appropriate risk control measures. Through a series of workplace-based scenarios, you will examine key risk management principles, assess potential hazards, and demonstrate your knowledge of health and safety legislation and regulatory requirements applicable to workplace environments.</p> <p><b>Presentation:</b></p> <p>You also must prepare and deliver a 5-minute presentation on your assignment. The presentation will be delivered on the date indicated above.</p> <p><i>You should plan to spend approximately 30 hours researching the assignment question, preparing for, and writing the assignment for assessment. The nominal <b>word count for the assignment is 1,700 words.</b></i></p> <p><i>Please ensure that you refer to 21 Academy's <a href="#">Assignment Guidelines</a> for comprehensive information regarding the submission of your assignment. Additionally, the assignment submission form must be included with your completed work, clearly indicating which question you have chosen to answer by ticking the box next to the question number.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                      |
| <p><b>Answer 1 (one) question from the following:</b></p> <p><input type="checkbox"/> <b>Question 1: Workplace Risk Assessment and Control Plan</b></p> <p>You have recently been appointed as a Risk Management Officer for a medium-sized manufacturing company that has experienced several workplace incidents involving slips, chemical exposure, and machinery-related injuries. Senior management has asked you to conduct a practical risk assessment of one operational department and recommend suitable control measures.</p> <p>Your task is to identify at least five workplace hazards, evaluate the likelihood and severity of each risk using a 5x5 risk matrix, and propose appropriate controls based on the Hierarchy of Controls. You should also explain how legal and regulatory requirements influence the organisation's responsibilities toward employee safety. Finally, discuss how monitoring and review processes can ensure the continued effectiveness of the implemented controls. Use practical examples and relevant risk management terminology throughout your response.</p> <p><input type="checkbox"/> <b>Question 2: Risk Communication and Emergency Response Planning</b></p> <p>A large healthcare organisation has recently experienced several incidents involving staff injuries, patient safety concerns, and temporary system failures caused by poor communication and inadequate emergency planning. Senior management has requested a comprehensive review of the organisation's risk communication and emergency response procedures to improve operational resilience and workplace safety.</p> <p>Prepare a report that evaluates the importance of effective risk communication in high-risk environments and explains how poor communication can increase organisational exposure to risk. Identify the key stakeholders involved and discuss the methods that should be used to communicate risk information clearly to both</p> |                                                                      |

technical and non-technical audiences. You should also develop an emergency response and contingency plan for one major identified risk, including monitoring procedures, staff responsibilities, and post-incident review processes. Support your discussion with practical workplace examples and relevant risk management principles.



**Question 3: : Integrated Risk Management Construction Project**

You are acting as a consultant for a construction company undertaking a large infrastructure project involving heavy equipment, subcontractors, hazardous substances, and tight deadlines. The organisation requires a comprehensive risk management framework to support safe operations and regulatory compliance throughout the project lifecycle.

Develop an integrated risk management plan that demonstrates how hazards will be identified, assessed, controlled, monitored, and communicated. Your response should include both qualitative and quantitative assessment methods such as Job Safety Analysis (JSA), probability analysis, or FMEA. Explain how exposure to hazardous substances and physical agents will be managed, and describe the role of leadership, safety culture, and stakeholder communication in achieving project success. Conclude by explaining how continuous improvement and lessons learned can strengthen long-term organisational resilience.

|                                                                                            |                                             |
|--------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>Pass Mark of total weighted score, including Presentation and Self-Assessment - 50%</b> | <b>Assignment weighted score 60%</b>        |
| <b>By submitting I confirm that this assessment is my own work</b>                         |                                             |
| <b>Mark:</b>                                                                               | <b>Signature: &lt;main assessor&gt;</b>     |
| <b>Date</b>                                                                                | <b>Signature: &lt;quality assurance&gt;</b> |