

1. Health and Safety in construction

Sample scheme of work

This sample scheme of work covers both classroom- and workshop-based learning for **Health and safety in construction**. It is based on 72 hours of learning over 24 sessions. It is an example only of a possible scheme of work and is based on theory and practical within an FE centre but can be amended to suit all learning facilities with the necessary adjustments to meet individual learners' needs.

You can use the sample scheme of work as it is, adjust it or extract content to create a scheme of work to suit your delivery needs. It can also be adjusted by adding theory and practical workshops to support learners who have/need additional learning time.

All classroom learning should be supplemented, supported and reinforced with relevant practical activities in the workshop environment.

1. Health and safety in construction

Sample scheme of work

Course/qualification: T Level Technical Qualification in Construction: Onsite Construction (Level 3) **Tutor's name:**

Number of sessions: 24 **Delivery hours:** 71 **Venue:** **Group:**

Criteria

- 1.1 Construction legislation and regulations
- 1.2 Public liability and employer's liability
- 1.3 Approved construction codes of practice
- 1.4 Implications of poor health and safety performance
- 1.5 Development of safe systems of work
- 1.6 Safety conscious procedures
- 1.7 Safety inspection of a work environment
- 1.8 Recording and reporting of safety incidents and near misses
- 1.9 Emergency procedures for unsafe situations
- 1.10 Types of PPE
- 1.11 First aid facilities
- 1.12 Warning signs for the seven main groups of hazardous substance
- 1.13 Safe practices and procedures for the use of access equipment and manual handling

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1.14 Safe practices and procedures for working in excavations and confined spaces

Session	Criteria	Activities and resources	Skills check
1 3 hours	1.1 Construction legislation and regulations Introduction to unit and expected outcomes - The relevant legislation and regulations in the construction industry. The role of the Health and Safety Executive (HSE) - How to check legislation and regulations are current. - Understand the requirements of the Health and Safety at Work Act 1974.	Activities - Facilitate classroom discussion. - Deliver PowerPoint 1: Construction legislation and regulations. - Complete Worksheet 1: Test your knowledge. - As a class, come up with a list of the different types of legislation and regulations learners may already know. Describe others relevant to the construction industry and explain why they are used. Resources PowerPoint 1 Worksheet 1	Oral questioning Worksheet 1 Feedback on Worksheet 1
2 3 hours	Tutor directed activity		

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Session	Criteria	Activities and resources	Skills check
3 3 hours	1.1 Construction legislation and regulations By the end of the session, learners should be able to: • obtain information related to welfare responsibilities on site • understand the implications of not obeying legislation • understand the difference between statutory and non-statutory legislation • appreciate the regulations and overarching guidance that is specific to the sector.	Activities • Facilitate classroom discussion. • Recap PowerPoint 1 • Review Worksheet 1 • View video, 'Turning concern into action'. Resources • PowerPoint 1 • Worksheet 1 • Video: 'Turning concern into action' https://www.hse.gov.uk/construction/resources/turning-concern-in-to-action.htm	Oral questioning Review of Worksheet 1 Feedback on Worksheet 1
4 3 hours	Tutor directed activity	Activities • Activity sessions have been allowed for in this scheme of work for classroom demonstrations, presentation of video material, guest lectures, revision or other learning activities at the tutor's discretion.	
5 3 hours	1.2 Public liability and employer's liability By the end of the session, learners should be able to:	Activities • Facilitate classroom discussion. • Deliver PowerPoint 2: Public and employer's liability and PowerPoint 3: Codes of practice.	Oral questioning Worksheets 2 and 3

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Session	Criteria	Activities and resources	Skills check
	- state what liability means - understand the difference between employer and public liability - identify the implications of public liability - identify the implications in terms of employee and public injury. 1.3 Approved construction codes of practice By the end of the session, learners should be able to: - state the reason for Approved Codes of Practice (ACOPs) - understand where ACOPs sit in the hierarchy of the law - identify various types of ACOP relating to the construction industry - understand where to obtain relevant ACOPs.	- Complete Worksheet 2: Liability and consequences and Worksheet 3: ACOPs wordsearch. - As a class, come up with a list of the different types of liability and codes of practice. Describe others relevant to the construction industry and explain why they are used. Resources PowerPoint 2 PowerPoint 3 Worksheet 2 Worksheet 3	Feedback on Worksheets 2 and 3
6	Tutor directed activity		

Session	Criteria	Activities and resources	Skills check
3 hours			
7 3 hours	1.4 Implications of poor health and safety performance By the end of the session, learners should be able to: - understand the implications of not following health and safety legislation - explain the penalties that can be imposed - describe the different notices that can be issued - describe powers of prosecution if legislation is not followed. 1.5 Development of safe systems of work By the end of the session, learners will be able to: - explain how safe systems of work are developed and used - describe the implications of not having safe systems of work in place - complete risk assessments, method statements and COSHH assessments	Activities - Facilitate classroom discussion. - Deliver PowerPoint 4: What happens if health and safety is ignored? and PowerPoint 5: Safe systems of work. - Complete Worksheet 4, Enforcement and Worksheet 5: Safe systems. - As a class, come up with a list of the different types of safe systems of work they may already know. Describe others relevant to the construction industry and building services engineering sector and explain why they are used. Resources PowerPoint 4 PowerPoint 5 Worksheet 4 Worksheet 5	Oral questioning Worksheets 4 and 5 Feedback on Worksheets 4 and 5

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Session	Criteria	Activities and resources	Skills check
	- explain how to apply CDM - describe the requirements for site signage - outline the different levels of the CSCS.		
8, 9 6 hours	1.6 Safety conscious procedures 1.7 Safety inspection of a work environment By the end of the session, learners should be able to: - understand safety-consciousness - explain how to report potential hazards - explain the importance of good housekeeping - outline the requirements of an HSE construction site inspection.	Activities - Facilitate classroom discussion. - Deliver PowerPoint 6: Awareness and inspections. - Complete Worksheet 6: Safety and inspections. Resources PowerPoint 6 Worksheet 6	Oral questioning Worksheet 6 Feedback on Worksheet 6
10 3 hours	Tutor directed activity		

Session	Criteria	Activities and resources	Skills check
11 3 hours	1.8 Recording and reporting of safety incidents and near misses By the end of the session learners should be able to: - explain the correct procedure for recording an accident in an accident book - explain what an accident reporting policy is - understand the requirements for reporting RIDDOR incidents.	Activities - Facilitate classroom discussion. - Deliver PowerPoint 7: Incidents and near misses - Complete Worksheet 7: Accident book entry. Discuss with the class any other reporting procedures that they may have heard of. Resources PowerPoint 7 Worksheet 7 - Other key information about incidents and near misses specific to the sector.	Oral questioning Worksheet 7 Feedback on Worksheet 7
12 3 hours	Tutor directed activity		
13 3 hours	1.9 Emergency procedures for unsafe situations By the end of the session learners should be able to: outline the Gas Industry Unsafe Situations Procedure (GIUSP)	Activities - Facilitate classroom discussion. - Deliver PowerPoint 8: Reacting to an emergency. - Complete Worksheet 8: What to do in unsafe situations. - As a class, discuss how individuals might react in these types of emergency. Are they right?	Oral questioning Worksheet 8 Feedback on Worksheet 8

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Session	Criteria	Activities and resources	Skills check
	- discuss the Gas Safety Installation and Use Regulations - describe emergency procedures in relation to fire, excavations, electric shock, gas leaks, carbon monoxide, water leaks and terrorist threats - discuss suitable first aid.	Resources PowerPoint 8 Worksheet 8 - Other key information about emergencies in the construction sector Q958: What should I do in the event of a terrorist attack? (askthe.police.uk)	
14 3 hours	Tutor directed activity		
15 3 hours	1.10 Types of PPE At the end of the session learners should be able to: - state the purpose of PPE to mitigate risks - identify the various types of PPE	Activities - Facilitate classroom discussion. - Deliver PowerPoint 9: PPE. - Complete Worksheet 9: Minimum PPE.	Oral questioning Worksheet 9 Feedback on Worksheet 9

Session	Criteria	Activities and resources	Skills check
	understand the correct method of using the various types of PPE.	- Throughout the session discuss with the class their own experiences of PPE: at work, during the Covid crisis, when working in the home, etc. Resources PowerPoint 9 Worksheet 9	
16 3 hours	Tutor directed activity		
17 3 hours	1.11 First aid facilities By the end of the session the learner should be able to: describe the first aid facilities that must be available in the work area in accordance with health and safety regulations.	Activities - Facilitate classroom discussion. - Deliver PowerPoint 10: First aid. - Complete Worksheet 10: First aid. - Discuss first aid with the class in terms of their own experience and how this compares with first aid in the construction industry. Resources PowerPoint 10 Worksheet 10	Oral questioning Worksheet 10 Feedback on Worksheet 10

Session	Criteria	Activities and resources	Skills check
18	Tutor directed activity		
3 hours			
19	1.12 Warning signs for the seven main groups of hazardous substance By the end of the session learners should be able to: • identify the different categories of safety sign found in the construction industry • recognise the symbols for hazardous waste • understand the meaning of each pictogram in the CLP Regulation and where each might be encountered.	Activities • Facilitate classroom discussion. • Deliver PowerPoint 11: Warning signs. • As a class, come up with a list of what learners already know about the different warning signs related to the construction industry or those they may have encountered elsewhere. Resources • PowerPoint 11	Oral questioning Worksheet 12 Feedback on Worksheet 12
20	Tutor directed activity		
3 hours			
21	1.13 Safe practices and procedures for the use of access equipment and manual handling	Activities • Facilitate classroom discussion.	Oral questioning

Session	Criteria	Activities and resources	Skills check
3 hours	By the end of the session learners will be able to: - identify the different types of access equipment and the safety checks required - demonstrate safe erection methods of access equipment - understand and demonstrate safe manual handling techniques. 1.14 Safe practices and procedures for working in excavations and confined spaces At the end of the session learners should be able to: - understand the dangers associated with working in excavations and confined spaces - describe safe working practices required when working in excavations and confined spaces.	- Deliver PowerPoint 12: Access equipment and manual handling of loads and PowerPoint 13: Safety in excavations and confined spaces. - As a class, come up with a list of the different types of access equipment and the health and safety precautions for working in excavations that learners may already know. Describe others relevant to the construction industry and explain why they are used. Resources PowerPoint 12 PowerPoint 13	Feedback on oral questioning
22	Tutor directed activity		

Session	Criteria	Activities and resources	Skills check
3 hours			
23 3 hours	Revision session		
24 2 hours	Mock exam		