

## Personal Learning and Revision Checklist

Use this checklist to make sure that all topics are covered in your revision and to ensure you know what your focus areas are.

Subject: **Construction**

TIER: N/A

Topic	RAG Rate			Further support required?
<b>Unit 1</b>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
<b>U1:LO1 You Know health and safety legal requirements for working in the construction industry</b>				
<b><i>AC1.1 Summarise responsibilities of health and safety legislation Responsibilities • Of employees and• Of employers</i></b> <ul style="list-style-type: none"> <li>• "Legislation • Health and Safety at Work Act 1974</li> <li>• Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (RIDDOR) video</li> <li>• Control of Substances Hazardous to Health Regulations 2002 (COSHH)</li> <li>• Provision and Use of Work Equipment Regulations 1998 (PUWER)</li> <li>• Manual Handling Operations Regulations 1992</li> <li>• Personal Protective Equipment at Work Regulations 1992 (PPER)</li> <li>• Working at Heights Regulations 2005</li> <li>• Asbestos"</li> </ul>				
<b><i>AC1.2 Identify safety signs used by construction industry</i></b> <p>Safety signs</p> <ul style="list-style-type: none"> <li>• Meanings of colour coding</li> <li>• Meanings of sign shapes</li> <li>• Meanings of signs</li> </ul> <p>Naked flames prohibited, Pedestrians prohibited, Head protection must be worn, Foot protection must be worn, Risk of fire, Risk of danger , First aid</p>				

<b>AC1.3 Identify fire extinguishers used in different situations</b>  Fire extinguishers <ul style="list-style-type: none"> <li>• Water</li> <li>• Foam</li> <li>• CO2</li> <li>• Dry powder</li> <li>• Vaporising liquids</li> <li>• Wet chemical</li> <li>• Fire blanket</li> </ul>				
<b>AC1.4 Describe role of the Health and Safety Executive</b>  <ul style="list-style-type: none"> <li>• When in breach of legislation</li> <li>• Providing support and advice</li> </ul>				
<b>U1:LO2 You can Understand risks to health and safety in different situations</b>				
<b>AC2.1 Identify hazards to health and safety in different situations</b>  Situations <ul style="list-style-type: none"> <li>• On-site – substructure, superstructure</li> <li>• Off-site – workshop, office, travelling between sites</li> </ul>				
<b>AC2.2 You Can Describe potential effects of hazards in different situations</b>  <b>Effects</b> <ul style="list-style-type: none"> <li>• Physical</li> <li>• Psychological</li> <li>• Financial</li> <li>• Environmental</li> </ul> <b>Who is affected</b> <ul style="list-style-type: none"> <li>• Self</li> <li>• Others working in the area</li> <li>• Employer</li> <li>• Local community</li> <li>• Environment</li> <li>• Users</li> </ul>				
<b>AC2.3 Explain the risk of harm in different situations</b> Risk <ul style="list-style-type: none"> <li>• Likelihood</li> <li>• Severity</li> <li>• How risk is measured</li> </ul>				

<b>Unit 3</b>				
<b>U3:LO1 Know job roles involved in realising construction and built environment projects</b>				
<b><i>AC1.1 Describe activities of those involved in construction projects</i></b> <ul style="list-style-type: none"> <li>• Client's team (client, architect, engineer, quantity surveyor, project manager, designer)</li> <li>• Contractor's team (builder/site engineer, site supervisor, safety officer, tradespersons, specialist )</li> <li>• Statutory personnel (building inspector, town planner, public health inspector)</li> <li>• General (administrator, finance officer, public liaison officer, purchasing/procurement officer, catering, security)</li> </ul>				
<b><i>AC1.2 Describe responsibilities of those involved in construction projects , Refurbishments , Extensions</i></b>				
<b><i>AC1.3 Describe outputs of those involved in realising construction projects</i></b>				
<b>U3:LO2 Understand how built environment development projects are realised</b>				
<b><i>AC2.1 Describe processes used in built environment development projects</i></b> <ul style="list-style-type: none"> <li>• Planning (design, project planning, procurement)</li> <li>• Construction (secure site, site clearance, substructure, super- structure)</li> <li>• Handover to client (commissioning, handover)</li> <li>• Maintenance describe and explore why maintenance is one of the largest cost factors in the construction industry</li> </ul>				

<b>AC2.2 Calculate resources to meet requirements for built environment development projects</b> <ul style="list-style-type: none"> <li>• Area</li> <li>• Volume</li> <li>• Percentages</li> <li>• Scaling</li> <li>• Best value</li> <li>• Tolerances</li> <li>• VAT</li> <li>• Tender price</li> <li>• Plant</li> <li>• Labour</li> <li>• Materials</li> </ul>				
<b>AC2.3 Assess potential effect of factors on project success</b> <ul style="list-style-type: none"> <li>• Internal e.g. lack of qualified and certified key personnel, sourcing of finance, security</li> <li>• External e.g. penalty clauses, weather conditions</li> </ul>				
<b>AC2.4 Interpret sources of information</b> <ul style="list-style-type: none"> <li>• Catalogues</li> <li>• Spreadsheets</li> <li>• Suppliers material lists</li> <li>• Specifications</li> <li>• Drawings</li> </ul>				
<b>U3:LO3 Be able to plan built environment development projects</b> <ul style="list-style-type: none"> <li>• Construction</li> <li>• Handover</li> <li>• Time</li> <li>• Cost</li> </ul>				
<b>AC3.1 Sequence the processes to be followed</b>				
<b>AC3.2 Apportion time to processes</b>				
<b>AC3.3 Set project tolerances</b>				