

Construction- Key Stage 3, Year 9, City and Guilds- Entry Level 3 Certificate in Construction Skills (6219-02)

Useful websites: City and guilds website, www.cityandguilds.com or also send an email to- learnersupport@cityandguilds.com

Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
<ul style="list-style-type: none"> Unit 011- Connecting Flex to common apparatus 	<ul style="list-style-type: none"> Unit 001- Constructing halving joints Unit 002- Constructing housing joints 	<ul style="list-style-type: none"> Unit 101- Introduction to health and safety in construction 	<ul style="list-style-type: none"> Unit 003- Painting techniques 	<ul style="list-style-type: none"> Unit 005- Constructing half brick walling 	<ul style="list-style-type: none"> Portfolio collation Extra time for the completion of any units not yet finished If all complete, develop skills in favourite area of construction.
<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for task. State the hazards related to connecting flex to common apparatus. State the process required to connect flex to a 13amp fused plug, ceiling rose and lamp holder. This will all be combined by assembling a one-way lighting circuit using the pendant they made for the light and the plug they made to power the circuit.</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for task. State the different types of halving joint. State the process required to mark out and construct a halving joint. State the different uses of a housing joint. State the process required to mark out and construct a housing joint.</p>	<p>Students will: Learn the importance of health and safety in the construction industry. Understand the role of the HSE. State the responsibilities of different individuals within the construction industry. Know how to minimise the risk of accidents caused by hazards, including the purpose of having a risk assessment. Identify the different safety signs and their category. Understand all the types of PPE and its individual purpose.</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for task. Be able to identify different types of water-based paint. Learn techniques required to prepare and apply paint to surfaces. Transfer and paint designs to a prepared surface meeting specifications. Demonstrate skills in setting up and maintaining a clean and safe work area.</p>	<p>Students will: Learn how to set up and build brick walls. Identify appropriate PPE, materials, tools and equipment needed for task. State the number of bricks required to build a 1m² brick wall. Calculate the number of bricks required to build a wall to a given specification. Measure and set up profiles to a given specification. Set up a mortarboard at the correct distance.</p>	<p>Complete folder of work. No missing parts, all units in order, all sheets completed and evidence annotated. Once done select their favourite area of construction and design and complete a personalised project incorporating skills they have learnt and developing them further.</p>

Construction- Key Stage 4, Year 10, City and Guilds- Level 1 Certificate in Construction skills (6219-05)

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Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
<ul style="list-style-type: none"> • Unit 101- Introduction to Health and Safety in construction • Unit 011- Connecting Flex to common apparatus • Unit 133- Assembling 13amp switched sockets wired in ring final circuit 	<ul style="list-style-type: none"> • Unit 118- Constructing half brick return corners • Unit 136- Installing one way lighting circuits • Unit 137- Installing two way lighting circuits 	<ul style="list-style-type: none"> • Unit 005- Constructing half brick walling • Unit 108- Working with non-manipulative fittings • Unit 101- Introduction to Health and Safety in construction 	<ul style="list-style-type: none"> • Unit 001- Constructing halving joints • Unit 118- Constructing block walling • Unit 002- Constructing housing joints • Unit 122- Constructing a cavity wall 	<ul style="list-style-type: none"> • Unit 003- Painting techniques • Unit 112- Applying decorative effects • Unit 101- Introduction to Health and Safety in construction 	<ul style="list-style-type: none"> • Portfolio collation • Extra time for the completion of any units not yet finished • If all complete, develop skills in favourite area of construction.
<p>Students will: Learn the importance of health and safety in the construction industry. Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets.</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets.</p>	<p>Students will: Learn the importance of health and safety in the construction industry. Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets.</p>	<p>Students will: Learn the importance of health and safety in the construction industry. Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets</p>	<p>Complete folder of work. No missing parts, all units in order, all sheets completed and evidence annotated. Once done select their favourite area of construction and design and complete a personalised project incorporating skills they have learnt and developing them further.</p>

Construction- Key Stage 4, Year 11, City and Guilds- Level 1 Diploma in Construction skills (6219-07)

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Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
<ul style="list-style-type: none"> Unit 102- Introduction to the construction industry Unit 005- Constructing half brick walling 	<ul style="list-style-type: none"> Unit 001- Constructing halving joints Unit 002- Constructing housing joints If all complete, develop skills in favourite area of construction 	<ul style="list-style-type: none"> Unit 118- Constructing half brick return corners Unit 108- Working with non-manipulative fittings If all complete, develop skills in favourite area of construction 	<ul style="list-style-type: none"> Unit133- Assembling 13amp switched sockets wired in ring final circuit Unit 003- Painting techniques If all complete, develop skills in favourite area of construction 	<ul style="list-style-type: none"> Unit 136- Installing one way lighting circuits Unit 137- Installing two way lighting circuits Unit 112- Applying decorative effects If all complete, develop skills in favourite area of construction 	<ul style="list-style-type: none"> Portfolio collation Extra time for the completion of any units not yet finished If all complete, develop skills in favourite area of construction.
<p>Students will: Learn basic knowledge of the construction industry and its key areas. Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets.</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets. More able will design a personal project developing existing skills.</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets. More able will design a personal project developing existing skills.</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets. More able will design a personal project developing existing skills.</p>	<p>Students will: Identify appropriate PPE, materials, tools and equipment needed for each task. State the process required for completing the task. Answer related subject knowledge questions on activity worksheets. Complete personal projects.</p>	<p>Complete folder of work. No missing parts, all units in order, all sheets completed and evidence annotated. Once done select their favourite area of construction and design and complete a personalised project incorporating skills they have learnt and developing them further.</p>

Construction- Key Stage 5, Year 12&13, City and Guilds- Level 2 Diploma in Maintenance Operations (6711-23)

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Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
<ul style="list-style-type: none"> Unit 235- Carry out small building repairs 	<ul style="list-style-type: none"> Unit 235- Carry out small building repairs 	<ul style="list-style-type: none"> Unit 235- Carry out small building repairs 	<ul style="list-style-type: none"> CSCS card revision and mock test completed 	<ul style="list-style-type: none"> Unit 201/601- Health, safety and welfare in construction 	<ul style="list-style-type: none"> Unit 202/602- Principles of building construction, information and communication
<p>Students will:</p> <p>Understand which materials are used to carry out small building repairs</p> <p>Have knowledge on methods of repairing and renewing building structures</p> <p>To be able to remove and renew building materials</p> <p>To be able to maintain a safe working environment</p>	<p>Students will:</p> <p>Describe ways of removing existing materials and components of structure</p> <p>Identify hand and power tools required for task</p> <p>Understand different types of drainage system</p> <p>Be able to give reasons and explain the method used to protect the completed repair work</p>	<p>Students will:</p> <p>Identify defective and damaged building materials</p> <p>Prepare tools, equipment, and materials for removal and replacing defective building materials</p> <p>Remove and replace defective roof coverings</p> <p>Remove and replace defective masonry</p> <p>Remove and replace defective paving</p> <p>Remove and replace defective drainage</p> <p>Maintain a clean, safe and tidy work area, protecting the surrounding area</p> <p>Check, clean and store tools, materials and equipment after use</p> <p>Dispose of waste materials safely</p>	<p>Students will:</p> <p>Revise all modules of CSCS card test handbook. Once completed will take mock exam</p> <p>Any areas failed revised and test retaken</p> <p>Complete until passed and continue revising</p>	<p>Students will:</p> <p>Identify health and safety legislation used in the construction industry</p> <p>Understand employee and employer duties under H.A.S.A.W.A.</p> <p>Describe roles and responsibilities of the HSE</p> <p>Be able to research relevant health and safety information</p> <p>Understand the importance of site inductions and toolbox talks</p> <p>Know accident and emergency reporting procedure</p> <p>Be able to recognise hazards in the workplace</p>	<p>Students will:</p> <p>Have knowledge on types of resourcing for construction materials</p> <p>Interpret scale, symbols and hatchings on a working drawing.</p> <p>Understand the use of benchmarks used in construction.</p> <p>Identify environmental considerations in construction</p> <p>Understand the relevance of foundations</p> <p>Have knowledge of the construction of internal and external walls.</p> <p>Identify different methods of constructing floors</p> <p>Describe different types of communication in the workplace</p>