Level 2 Technical Certificate in Architectural Joinery (7906-21)

Synoptic Assignment 2019 – V1.0
General guidance for candidates

General guidance
This is a formal assessment that you will be marked and graded on. You will be marked on the quality and accuracy of your practical performance and any written work you produce. It is therefore important that you carry your work out to the highest standard you can. You should show how well you know and understand the subject and how you are able to use your knowledge and skills together to complete the tasks.

Plagiarism
This is an assessment of your abilities, so the work must be all your own work and carried out under the conditions stated. You will be asked to sign a declaration that you have not had any outside help with the assessment.

Your tutor is allowed to give you some help understanding the assignment instructions if necessary, but they will record any other guidance you need and this will be taken into account during marking. Plagiarism is the failure to acknowledge sources properly and/or the submission of another person’s work as if it were your own. Plagiarism is not allowed in this assignment.

Where research is allowed, your tutor must be able to identify which work you have done yourself, and what you have found from other sources. It is therefore important to make sure you acknowledge all sources and clearly reference any information taken from them.

Timings and planning
Where you have to plan your time, you should take care to make sure you have divided the time available between tasks appropriately. In some assignments, there are specified timings which cannot be changed and which need to be taken into account. You should check your plan is appropriate with your tutor.

If you have a good reason for needing more time, you will need to explain the reasons to your tutor and agree a new deadline date. Changes to dates will be at the discretion of the tutor, and they may not mark work that is handed in after the agreed deadlines.

Health and Safety
You must always work safely, in particular while you are carrying out practical tasks.

You must always follow any relevant Health and Safety regulations and codes of practice.

If your tutor sees you working in a way that is unsafe for yourself or others, they will ask you to stop immediately, and tell you why. Your tutor will not be able to reassess you until they are sure you are ready for re-assessment and can work safely.

Presentation of work
Presentation of work must be neat and appropriate to the task.

You should make sure that each piece of evidence including any proformas e.g. records/job cards are clearly labelled with your name and the assignment reference.

All electronic files must be given a clear file name that allows your tutor to identify it as your work.

Written work e.g. reports may be word processed but this is not a requirement.

All sketches and drawings should be neat and tidy, to scale and annotated. Calculations should be set out clearly, with all working shown, together with any assumptions made. You should use appropriate units at all times and answers must be expressed to a degree of accuracy, consistent with the requirements of the task.
Assignment Brief

A client who is undertaking renovation works has requested an internal lining and panelled door to close off a small cupboard. The design of the door will match existing joinery in the house.

You are required to set out both the lining and door, but will make the door only and on completion carry out a self-evaluation of your performance of the completed work.

You will have access to standard hand and power tools, workshop equipment and the following machinery:

- morticer
- bandsaw
- chop saw
- router table/spindle moulder.

Specification

Overall size of lining: 675 m high x 520 mm wide

The head and jambs are 95 mm x 22 mm

The top rail and stiles are 57 mm x 32 mm and the bottom rail is 69 mm x 32 mm (finished sizes).

The 9 mm panel will be set into a 9 mm deep groove centrally positioned in the frame.

A 6 mm sunk chamfer moulding is required to the face of the door. (Mason’s mitre not acceptable)

On completion of the work you are required to self-evaluate your performance to include

- what went well
- what didn’t go so well
- what you would do differently in future
Tasks

Task 1
1 Produce a setting out rod and cutting list.

Conditions of assessment:
The evidence for task 1 must be completed on your own, under supervised conditions.

What must be presented for marking and submitted for moderation (if applicable):
• completed setting out rod and cutting list

Additional evidence of your performance that must be captured for marking and submitted for moderation (if applicable):
• your tutor’s notes, recorded on a Practical Observation form, of your working practice describing the quality, consistency and accuracy of the finished work
• photograph of the completed setting out rod
• the completed cutting list

Task 2
2 Manufacture and finish the door.

Conditions of assessment:
The door must be manufactured working on your own, under supervised conditions.
You must work safely at all times. If you do not then the assessment will be stopped.

What must be presented for marking and submitted for moderation:
• Completed door.

Additional evidence of your performance that must be captured for marking and submitted for moderation:
• your tutor’s notes, recorded on a Practical Observation form, of your working practice describing the quality, consistency and accuracy of the finished work
• photographs of each side and joints of the completed door.

Task 3
3 Complete a self-evaluation

Conditions of assessment:
The evidence for task 4 must be completed on your own, under supervised conditions.

What must be presented for marking and submitted for moderation:
• completed self-evaluation (approximately 300 words)
Task instructions for centres

Resources
Candidates must have access to a suitable range of resources to carry out the tasks and to have the opportunity to choose materials demonstrating the ability to select from a range of appropriate materials.

Centres must prepare the unmoulded PSE European redwood required as per specification in the brief. The stiles and top rail are to be supplied to the candidates in one 1900 mm length. The candidates are expected to cut these materials to the sizes required.

All machinery must be set by each candidate.

Profiling is to be carried out using machinery (not by hand), therefore the centre must have safe and well maintained machinery available for this purpose.

Candidates must be closely supervised when using machinery and follow the centre’s risk assessment/method statement.

Task specific guidance

Task 1
The candidate should have the following to carry out this task:
- tools and equipment
- rod material
- Cutting list (supplied in the recording form document)
- PPE as required

A cutting list pro-forma is provided in the recording form document for candidates to complete. One form can be used for Tasks 1 b) and 2 b)

Task 2
The candidate should have the following to carry out this task:
- Tools, equipment and machinery
- PPE materials

All work carried out should be to industry standards, in a safe manner and to specification.
Task 3
- The candidate’s self-evaluation of performance across all tasks must be completed no more than one week after completion of the practical assessment.
- Candidates should not complete the self-evaluation on the same day as the practical assessment as this will give candidates time to reflect.

The candidate can either provide a typed or handwritten evaluation. The candidate should have access to adequate resources to complete this task. A self-evaluation pro-forma has been provided in the recording form document.

A Practical Observation (PO) form must be completed and photographs must be taken in order to support assessment decisions for the candidates marked work. See details below around requirements for observations and photographs.

Guidance on photographs
It is expected that seven photographs will be submitted per candidate. These photographs should be used to support the commentary recorded on the Practical Observation form. It is important that the file name for each photograph must include the candidate’s name and a description eg J.Jones and the name of the task.

Photographs must be of sufficient resolution and full frame to verify the quality of the completed work.

Task 1
One photograph of the setting out rod.

Task 2
Six photographs in total,
- one taken diagonally at the edge of each corner showing assembled joints ie fit of joint
- one of each face.

One photograph should include the candidate and a sign that gives the name of the candidate and the date of the assessment so that photographs can be differentiated.

Total 9 hours.
Task 1− 3 hours (recommended)
Task 2− 6 hours (recommended), machine queuing and curing time is not included in the 6 hours.
Task 3− 1 hour (recommended), the time taken to complete this task is not included in the 9 hours.
Centre guidance

Guidance provided in this document supports the administration of this assignment. The following documents available on the City & Guilds website provide essential generic guidance for centres delivering Technical qualifications and must be referred to alongside this guidance:

- **Technical qualifications – marking**
- **Technical qualifications – moderation** (updated annually)
- **Technical qualifications – teaching, learning and assessment**

This synoptic assessment is designed to require the candidate to make use of their knowledge, understanding and skills they have built up over the course of their learning to tackle problems/tasks/challenges.

This approach to assessment emphasises to candidates the importance and applicability of the full range of their learning to practice in their industry area, and support them in learning to take responsibility for transferring their knowledge, understanding and skills to the practical situation, fostering independence, autonomy and confidence.

Candidates are provided with an assignment brief. They then have to draw on their knowledge and skills and independently select the correct processes, skills, materials, and approaches to take to provide the evidence specified by the brief.

During the learning programme, it is expected that tutors will have taken the opportunity to set shorter, formative tasks that allow candidates to be supported to independently use the learning they have so far covered, drawing this together in a similar way, so they are familiar with the format, conditions and expectations of the synoptic assessment.

Candidates should be made aware during briefing what the Assessment Objectives are and how they are implemented in marking the assignment, so they will understand the level of performance that will achieve them high marks.

Candidates should not be entered for the assessment until the end of the course of learning for the qualification so they are in a position to complete the assignment successfully.

**Health and safety**

Candidates should not be entered for assessment without being clear of the importance of working safely and practice of doing so. The tutor must immediately stop an assessment if a candidate works unsafely. At the discretion of the tutor, depending on the severity of the incident, the candidate may be given a warning. If they continue to work unsafely however, their assessment must be ended and they must retake the assessment at a later date.

**Compliance with timings**

The timings provided are estimates to support centre planning. They refer to assessment time, not any additional setting up the centre needs to carry out to create the required to ensure an appropriate assessment environment.

It is the centre’s responsibility to plan sufficient assessment sessions, under the appropriate conditions, within the assignment window, to allow candidates reasonable time to complete the assessment tasks.

Where candidates are required to plan their work they should have their plans confirmed for appropriateness in relation to the time allocated for each task.
Candidates should be allowed sufficient time to fully demonstrate the range of their skills, however this also needs to be reasonable and practicable. Candidates should be allowed to overrun their planned timings or professional service times (where they exist) in order for evidence of a range of their skills to be captured. If however, the time required exceeds reasonably set assessment periods, or the tolerance suggested for professional service times, the centre may stop the assessment and base the marking on the evidence up to that point, including the tutor’s notes of how far over time the task has taken.

**Observation evidence**

Where the tutor is required to carry out observation of performance, detailed, descriptive notes must be recorded on the practical observation (PO) form provided. The centre has flexibility to adapt the form, to suit local requirements (eg to use tablet, hand-written formats, or to ease local administration) as long as this does not change or restrict the type of evidence collected.

The number of candidates a tutor will be able to observe at one time will vary depending on:

- the complexity of evidence collection for the task
- local conditions eg layout of the assessment environment
- amount of additional support available (eg to capture image/ video evidence), staggered starts etc,
- whether there are any peak times where there is a lot of evidence to collect that will need additional support or any that are quiet.

It is advisable to trial the planned arrangements where possible during formative assessment, reviewing the quality of evidence captured and manageability. It is expected that for straight forward observations, (and unless otherwise specified) no more than eight candidates will be observed by a single tutor at one time, and the number will usually be fewer than this maximum. The key factor to consider is the logistics of collecting sufficient evidence.

As far as possible, candidates should not be distracted, or their performance affected by the process of observation and evidence collection.

Observation notes form part of the candidate’s evidence and must describe how well the activity has been carried out, rather than stating the steps/ actions the candidate has taken. The notes must be very descriptive and focus on the quality of the performance in such a way that comparison between performances can be made. They must provide sufficient, appropriate evidence that can be used by the marker (and moderator) to mark the performance using the marking grid.

Identify what it is about the performances that is different between candidates can clarify the qualities that are important to record. Each candidate is likely to carry out the same steps, so a checklist of this information would not help differentiate between them. However qualitative comments on how well they do it, and quantitative records of accuracy and tolerances would.

The tutor should refer to the marking grid to ensure appropriate aspects of performance are recorded. These notes will be used for marking and moderation purposes and so must be detailed, accurate and differentiating.

Tutors should ensure that any required additional supporting evidence including eg photographs or video can be easily matched to the correct candidate, are clear, well-lit and showing the areas of particular interest in sufficient detail and clarity for assessment (ie
taken at appropriate points in production, showing accuracy of measurements where appropriate).

If candidates are required to work as a team, each candidate’s contribution must be noted separately. The tutor may intervene if any individual candidate’s contribution is unclear or to ensure fair access (see below).

The Technical qualifications guides on marking and moderation are essential guidance documents and are available on the City & Guilds website. These provide further information on preparing for assessment, evidence gathering, standardisation, marking and moderation, and must be referred to when planning and carrying out assessment.

Minimum evidence requirements for marking and moderation
The sections in the assignment:
- **What you must produce for marking**, and
- **Additional evidence of your performance that must be captured for marking**
list the minimum requirements of evidence to be submitted for marking in the moderation sample.

Evidence produced during assessment above and beyond this may be submitted, as long as it provides useful information for marking and moderation and has been produced under appropriate conditions.

While technological methods which support the capturing or creating of evidence can be helpful, eg pinboard style websites for creating mood boards, the final evidence must be converted to a suitable format for marking and moderation which cannot be lost/ deleted or amended after the end of the assessment period (eg screen prints, pdf files). Considerations around tracking authenticity and potential loss of material hosted on such platforms during assessment is the centre’s responsibility.

Where candidates have carried out some work as a group, the contribution of each candidate must be clear. It is not appropriate to submit identical information for each candidate without some way for the marker and moderator to mark the candidates individually.

**Note:** Combining candidate’s individual pieces of evidence into single files or zip files may make evidence management during internal marking more efficient and will greatly simplify the uploading of the moderation sample.

Where the minimum requirements have not been submitted for the moderation sample by the final moderation deadline, or the quality of evidence is insufficient to make a judgement, the moderation, and therefore any subsequent adjustment, will be based on the evidence that has been submitted. **Where this is insufficient to provide a mark on moderation, a mark of zero may be given.**

**Preparation of candidates**
Candidates should be aware of which aspects of their performance (across the AOs) will give them good marks in assessment. This is best carried out through routinely pointing out good or poor performance during the learning period, and through formative assessment.

During the learning programme, direct tutor instruction in how to tackle practical tasks through modelling, support, guidance and feedback are critical. However gradual removal of this support is necessary in preparation for summative assessment. This, supported approach is not valid for summative assessment.

The purpose of summative assessment is to confirm the standard the candidate has reached as a result of participating in the learning process. Candidates should be encouraged to do
the best they can and be made aware of the difference between these summative assessments and any formative assessments they have been subject to. Candidates may not have access to the full marking grids, as these may be misinterpreted as pass, merit distinction descriptors. Refer to the Technical qualifications – teaching, learning and assessment centre guidance document, available on the City & Guilds website for further information on preparing candidates for Technical qualification assessment.

**Guidance on assessment conditions**
The assessment conditions that are in place for this synoptic assignment are to:
- ensure the rigour of the assessment process
- provide fairness for candidates
- give confidence in the outcome.

They can be thought of as the rules that ensure that all candidates who take an assessment are being treated fairly, equally and in a manner that ensures their result reflects their true ability.

The conditions outlined below relate to this summative synoptic assignment. These do not affect any formative assessment work that takes place, although it is advised that candidates are prepared for the conditions they will need to work under during summative assessment.

The evidence for the tasks that make up this synoptic assignment must be completed under the specified conditions. This is to ensure authenticity and prevent malpractice as well as to assess and record candidate performance for assessment in the practical tasks. Any aspect that may be undertaken in unsupervised conditions is specified. It is the centre’s responsibility to ensure that local administration and oversight gives the tutor sufficient confidence to be able to confirm the authenticity of the candidate’s work.

**Security and authentication of candidate work**
Candidate evidence must be kept secure to prevent unsupervised access by the candidate or others. Where evidence is produced over a number of sessions, the tutor must ensure learners and others cannot access the evidence without supervision. This might include storing written work or artifacts in locked cupboards and collecting memory sticks of evidence produced electronically at the end of each session.

Candidates are required to sign declarations of authenticity, as is the tutor. The relevant form is included in this assignment pack and must be signed after the production of all evidence.

Where the candidate or tutor is unable to, or does not confirm authenticity through signing the declaration form, the work will not be accepted at moderation and a mark of zero will be given. If any question of authenticity arises eg at moderation, the centre must be contacted for justification of authentication.

**Accessibility and fairness**
Where a candidate has special requirements, tutors should refer to the Access arrangements and reasonable adjustments section of the City & Guilds website.

Tutors can support access where necessary by providing clarification to any candidate on the requirements or timings of any aspect of this synoptic assignment. Tutors should not provide more guidance than the candidate needs as this may impact on the candidate’s grade, see the guidance and feedback section below.
All candidates must be provided with an environment, time frame and resources that allows them reasonable access to the full range of marks available.

Where candidates have worked in groups to complete one or more tasks for this synoptic assessment, the tutor must ensure that no candidate is disadvantaged as a result of the performance of any other team member. If a team member is distracting or preventing another team member from fully demonstrating their skills or knowledge, the tutor must intervene.

**Guidance and feedback**

To support centre file management, tutors may specify a suitable file format and referencing format for evidence (unless otherwise specified eg if file naming is an assessment part for the assignment). Guidance must only support access to the assignment and must not provide feedback for improvement. The level and frequency of clarification & guidance must be

- recorded fully on the candidate record form (CRF),
- taken into account along with the candidate’s final evidence during marking
- made available for moderation.

Tutors must not provide feedback on the quality of the performance or how the quality of evidence can be improved. This would be classed as malpractice.

Tutors should however provide general reminders to candidates throughout the assessment period to check their work thoroughly before submitting it, and to be sure that they are happy with their final evidence as it may not be worked on further after submission.

Candidates can rework any evidence that has been produced for this synoptic assignment during the time allowed. However, this must be as a result of their own review and identification of weaknesses and not as a result of tutor feedback. Once the evidence has been submitted for assessment, no further amendments to evidence can be made.

Tutors should check and be aware of the candidates’ plans and designs to ensure management of time and resources is appropriate, and so any allowed intervention can take place at an appropriate time.

Tutors should ensure that candidates’ plans for completion of the tasks distribute the time available appropriately and may guide candidates on where they should be up to at any point in a general way. Any excessive time taken for any task should be recorded and should be taken into account during marking if appropriate.

It is up to the marker to decide if the guidance the candidate has required suggests they are lacking in one AO, the severity of the issue, and how to award marks on the basis of this full range of evidence. The marker must record where and how guidance has had an impact on the marks given, so this is available should queries arise at moderation or appeal.

**What is, and is not, an appropriate level of guidance**

- A tutor should intervene with caution if a candidate has taken a course of action that will result in them not being able to submit the full range of evidence for assessment. However, this should only take place once the tutor has prompted the candidate to check that they have covered all the requirements. Where the tutor has to be explicit as to what the issue is, this is likely to demonstrate a lack of understanding on the part of the candidate rather than a simple error, and full details should be recorded on the CRF.
• The tutor should not provide guidance if the candidate is thought to be able to correct the issue without it, and a prompt would suffice. In other words, only the minimum support the candidate actually needs should be given, since the more tutor guidance provided, the less of the candidate’s own performance is being demonstrated and therefore the larger the impact on the marks awarded.

• A tutor must not provide guidance that the candidate’s work is not at the required standard or how to improve their work. In this way, candidates are given the chance to identify and correct any errors on their own, providing valid evidence of knowledge and skills that will be credited during marking.

• The tutor must not produce any templates, pro-formas, work logs etc unless instructed to in the assignment guidance. Where instructed to do so, these materials must be produced as specified and contain no additional guidance. Templates provided as part of the assignment should be used as provided, and not adapted.

All specific prompts and details of the nature of any further guidance must be recorded on the relevant form and reviewed during marking and moderation.

Guidance on marking
Please refer to the Technical qualifications – marking, and moderation centre guidance documents for further information on gathering evidence suitable for marking and moderation, and on using the marking grid and forms.

The candidate record form (CRF) is used to record:
• Details of any guidance or the level of prompting the candidate has received during the assessment period
• Rough notes bringing together relevant evidence from across tasks during marking.
• Summary justifications when好不容易 coming to an overall judgement of the mark.

The practical observation form (POF) is used to record:
• Descriptive information and evidence of candidate performance during an observation. Although descriptions of the quality of performance should support decisions against the AOs, the notes should follow the flow of the observation, rather than attempting to assign evidence against the AOs at this point.
### Marking grid

For any category, 0 marks may be awarded where there is no evidence of achievement.

<table>
<thead>
<tr>
<th>%</th>
<th>Assessment Objective</th>
<th>Band 1 descriptor</th>
<th>Band 2 descriptor</th>
<th>Band 3 descriptor</th>
</tr>
</thead>
</table>
| 10 | AO1 Recall of knowledge relating to the qualification LOs  
   • Does the candidate seem to have the full breadth and depth of taught knowledge across the qualification to hand?  
   • How accurate is their knowledge? Are there any gaps or misunderstandings evident?  
   • How confident and secure does their knowledge seem? | (1-2 marks)  
Recall shows some weaknesses in breadth and/or accuracy.  
Hesitant, gaps, inaccuracy | (3-4 marks)  
Recall is generally accurate and shows reasonable breadth. Inaccuracy and misunderstandings are infrequent and usually minor.  
Sound, minimal gaps | (5-6 marks)  
Consistently strong evidence of accurate and confident recall from the breadth of knowledge.  
Accurate, confident, complete, fluent |

**Examples of types of knowledge expected**: how to use tools, equipment and machinery, methods of work, practical techniques, Health and Safety, legislation, risk assessment, component terminology, how to set out, mark out, produce, assemble and finish. Joinery techniques and processes, inspection and maintenance of tools, use of PPE/safety aids and work piece support, selecting ironmongery, selecting profiles, select materials

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The candidate has demonstrated recall of knowledge, but it has been limited and/or showing inaccuracies.</td>
<td>The candidate has demonstrated recall of knowledge, which is mostly accurate.</td>
<td>The candidate shows in-depth and detailed knowledge, showing a higher degree of confidence and accuracy.</td>
<td></td>
</tr>
<tr>
<td>%</td>
<td>Assessment Objective</td>
<td>Band 1 descriptor</td>
<td>Band 2 descriptor</td>
</tr>
<tr>
<td>---</td>
<td>-------------------------------------------------------------------------------------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td></td>
<td><strong>Understanding of concepts theories and processes relating to the LOs</strong></td>
<td><strong>Poor to limited</strong></td>
<td><strong>Fair to good</strong></td>
</tr>
<tr>
<td></td>
<td>• Does the candidate make connections and show causal links and explain why?</td>
<td>(1-3 marks)</td>
<td>(4-6 marks)</td>
</tr>
<tr>
<td>15</td>
<td>• How well theories and concepts are applied to new situations/the assignment?</td>
<td>Some evidence of being able to give explanations of concepts and theories. Explanations appear to be recalled, simplistic or incomplete. Misunderstanding, illogical connections, guessing,</td>
<td>Explanations are logical. Showing comprehension and generally free from misunderstanding, but may lack depth or connections are incompletely explored. Logical, slightly disjointed, plausible,</td>
</tr>
<tr>
<td></td>
<td>• How well chosen are exemplars – how well do they illustrate the concept?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Examples of understanding expected:</strong> methods of work, links between Health and Safety legislation and planning activities, correct sequence of work and machining operations, interpretation of drawings/specifications, accuracy checks</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Limited range of understanding of the tasks, drawings/specification not clearly interpreted or understood.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Good understanding shown across the tasks, drawings/specifications interpreted mostly correctly</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>In-depth understanding shown across the tasks, drawings/specifications interpreted correctly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>%</td>
<td>Assessment Objective</td>
<td>Band 1 descriptor</td>
<td>Band 2 descriptor</td>
</tr>
<tr>
<td>----</td>
<td>--------------------------------------------------------------------------------------</td>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>35</td>
<td>AO3 Application of practical/technical skills</td>
<td>Poor to limited</td>
<td>Fair to good</td>
</tr>
<tr>
<td></td>
<td>• How practiced/fluid does hand eye coordination and dexterity seem?</td>
<td>(1-7 marks)</td>
<td>(8-14 marks)</td>
</tr>
<tr>
<td></td>
<td>• How confidently does the candidate use the breadth of practical skills open to them?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• How accurately/successfully has the candidate been able to use skills/achieve practical outcomes?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Examples of skills expected: Inspect, set up, adjust and use hand tools, power tools and machinery; change tooling/blades; use safety aids; accurate setting out, marking out, component production, assembly and finish to specification/drawing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Work not complete with some operations not attempted. Generally poor quality of work, a few tolerances met, generally poor housekeeping.</td>
<td></td>
<td>Work will be complete, making minor mistakes, with some poor quality finish. Measurements are mostly accurate, some tolerances met.</td>
</tr>
<tr>
<td></td>
<td>To access higher marks Not all tasks completed but attempted. Poor standard of work and with mistakes, requiring extra resources.</td>
<td></td>
<td>To access higher marks Work will be complete and to an acceptable standard, making minimal mistakes, with adequate housekeeping. Additional resources not required.</td>
</tr>
</tbody>
</table>
| % | Assessment Objective | Band 1 descriptor
Poor to limited | Band 2 descriptor
Fair to good | Band 3 descriptor
Strong to excellent |
|---|----------------------|----------------------|----------------------|----------------------|
| 20 | AO4 Bringing it all together - coherence of the whole subject  
- Does the candidate draw from the breadth of their knowledge and skills?  
- Does the candidate remember to reflect on theory when solving practical problems?  
- How well can the candidate work out solutions to new contexts/problems on their own? | (1-4 marks) Some evidence of consideration of theory when attempting tasks. Tends to attend to single aspects at a time without considering implication of contextual information. Some random trial and error, new situations are challenging, expects guidance, narrow. Many need prompting. | (5-8 marks) Shows good application of theory to practice and new context, some inconsistencies. Remembers to apply theory, somewhat successful at achieving fitness for purpose. Some consolidation of theory and practice | (9-12 marks) Strong evidence of thorough consideration of the context and use of theory and skills to achieve fitness for purpose. Purposeful experimentation, plausible ideas, guided by theory and experience, fit for purpose, integrated, uses whole toolkit of theory and skills. |

**Examples of bringing it all together:** applying knowledge and understanding to the tasks/scenario, able to plan activities from information provided. Materials and techniques are used appropriately, correct sequence of operations carried out. Safe working practices demonstrated. Self-evaluation of performance across all tasks.
| % | Assessment Objective | Band 1 descriptor  
Poor to limited | Band 2 descriptor  
Fair to good | Band 3 descriptor  
Strong to excellent |
|---|----------------------|-------------------|-------------------|
| 20 | AO5 Attending to detail/  
perfecting  
- Does the candidate  
routinely check on  
quality, finish etc and  
attend to imperfections/  
omissions  
- How much is accuracy a  
result of persistent care  
and attention (eg  
measure twice cut once)?  
- Would you describe the  
candidate as a  
(1-4 marks)  
Easily distracted or lack of  
checking. Insufficiently  
concerned by poor result; little  
tempt to improve. Gives up  
too early; focus may be on  
completion rather than quality  
of outcome.  
Careless, imprecise, flawed,  
uncaring, unfocussed,  
unobservant, unmotivated.  
Examples of attending to detail:  
accurate setting out, marking out, component production, assembly  
and finish to specification/drawing. | (5-8 marks)  
Aims for satisfactory result but  
may not persist beyond this.  
Uses feedback methods but  
perhaps not fully or  
consistently.  
Variable/intermittent attention,  
reasonably conscientious, some  
imperfections, unremarkable.  
| (9-12 marks)  
Alert, focussed on task.  
Attentive and persistently  
pursuing excellence. Using  
feedback to identify problems  
for correction.  
Noticing, checking, persistent,  
perfecting, refining, accurate,  
focus on quality, precision,  
refinement, faultless, meticulous. |
<table>
<thead>
<tr>
<th>%</th>
<th>Assessment Objective</th>
<th>Band 1 descriptor Poor to limited</th>
<th>Band 2 descriptor Fair to good</th>
<th>Band 3 descriptor Strong to excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>perfectionist and wholly engaged in the subject?</td>
<td>There is limited attention to detail. Task shows inaccuracies. Work may be incomplete and or work produced to a poor standard.</td>
<td>There is good attention to detail. Task completed are generally accurate and to an adequate standard</td>
<td>The candidate has been focused on the tasks showing extreme care and accuracy completing the task to a high standard.</td>
</tr>
</tbody>
</table>