

**7906-31 Level 3 Advanced  
Technical Diploma Architectural  
Joinery (450)**

**Qualification Report 2018**

# Contents

Introduction.....	3
Qualification Grade Distribution .....	4
Theory Exam .....	5
Grade Boundaries.....	5
Chief Examiner Commentary.....	7
Synoptic Assignment.....	9
Grade Boundaries.....	9
Principal Moderator Commentary.....	10

# Introduction

This document has been prepared by the Chief Examiner and Principal Moderator; it is designed to be used as a feedback tool for centres in order to enhance teaching and preparation for assessment. It is advised that this document is referred to when planning delivery and when preparing candidates for City & Guilds Technical assessments.

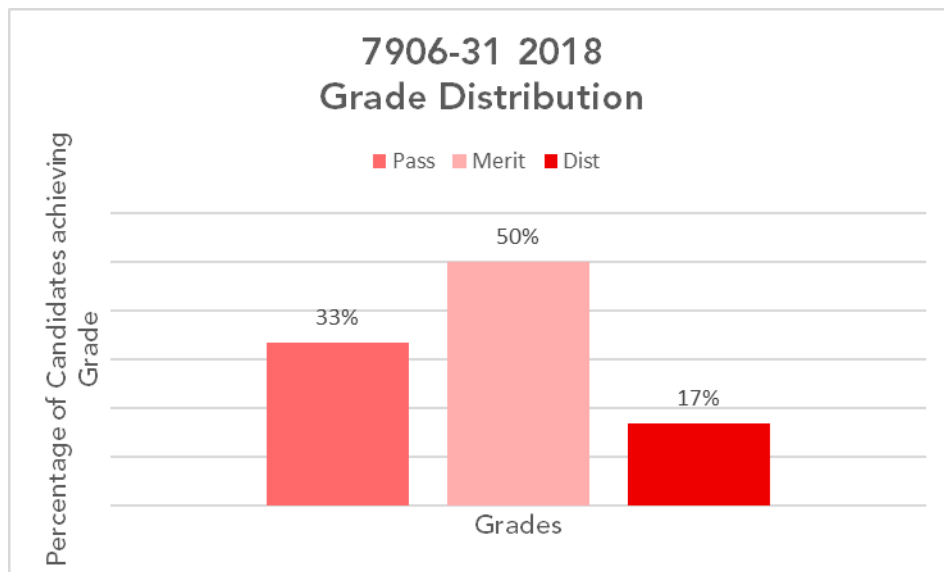
This report provides general commentary on candidate performance in both the synoptic assignment and theory exam. It highlights common themes in relation to the technical aspects explored within the assessment, giving areas of strengths and weakness demonstrated by the cohort of candidates who sat assessments in the 2018 academic year. It will explain aspects which caused difficulty and potentially why the difficulties arose.

The document provides commentary on the following assessments;

- 7905-003/503 Level 3 in Architectural Joinery – Theory Exam
  - March 2018 (Spring)
  - June 2018 (Summer)
- 7906-004 – Level 3 in Architectural Joinery – Synoptic Assignment

# Qualification Grade Distribution

The grade distribution for this qualification during the 2017/2018 academic year is shown below;



Please note City & Guilds will only report qualification grades for candidates who have achieved all of the required assessment components, including Employer Involvement, optional units and any other centre assessed components as indicated within the Qualification Handbook.

# Theory Exam

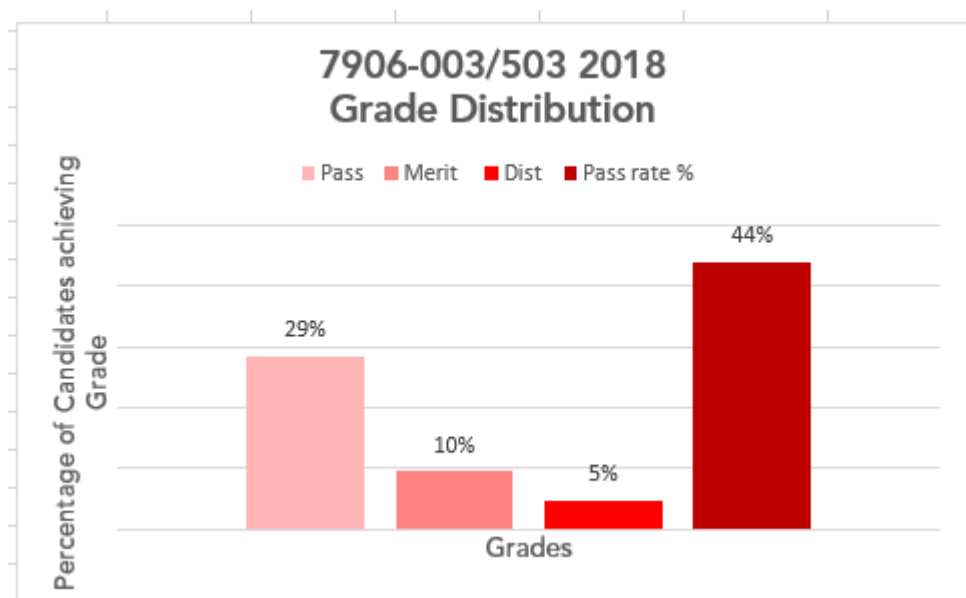
## Grade Boundaries

Assessment: 7906-003/503  
Series: March 2018 (Spring)

Below identifies the final grade boundaries for this assessment, as agreed by the awarding panel;

<b>Total marks available</b>	<b>65</b>
Pass mark	25
Merit mark	35
Distinction mark	45

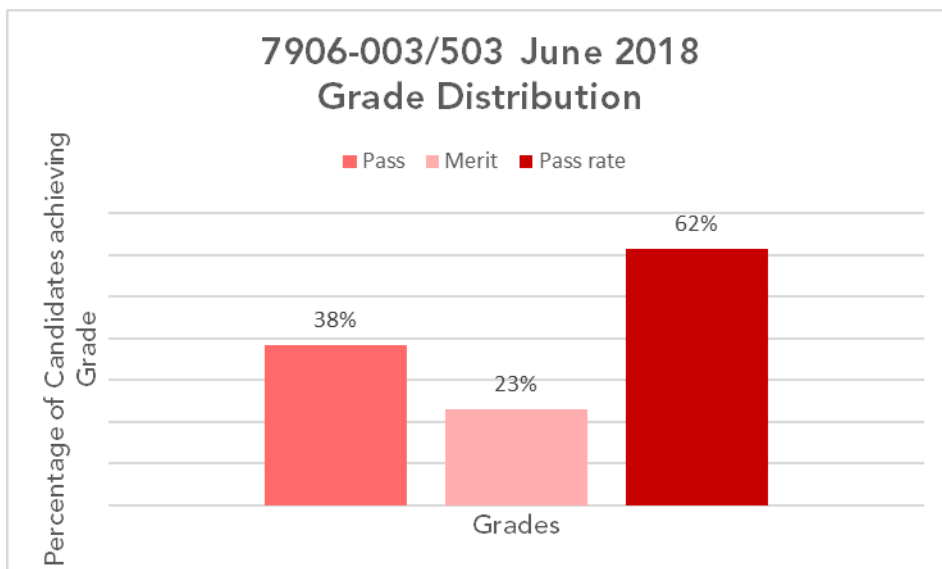
The graph below shows the distributions of grades and pass rate for this assessment;



Below identifies the final grade boundaries for this assessment, as agreed by the awarding panel;

<b>Total marks available</b>	<b>70</b>
Pass mark	27
Merit mark	37
Distinction mark	48

The graph below shows the distributions of grades and pass rate for this assessment;



# Chief Examiner Commentary

Qualification Title: 7906-003/503 Level 3 in Architectural Joinery –Theory exam

Series 1 – Spring 2018

A well-balanced paper meeting the requirements of the test specification. This is the first time candidates have had to take a short written. As a result, they may not have been as well prepared for it as they could have been. Most candidates however attempted all questions within the time allowed.

Candidate did well fairly well answering the multiple choice question, with majority of candidates gaining between 3 and 5 out of the ten questions correct. A lot of candidates seem have struggled with question 1, Health and Safety Regulations with only a couple of candidates getting this question correct. Candidates need to spend more time on this subject area.

Candidate confidently answered questions around unit 301 topic 2.4 Energy saving measure with candidates achieving full marks in this area.

A particular strength of candidates was their knowledge of the regulations around the use of a circular saw with good responses to questions 15 and 17.

Question 16a) and 16b, majority of candidate struggled with this question across the cohort, the question required candidates to recall basic terminology around rip sawing timber.

Two additional questions which in particular challenged the candidates was the costing question (Q 12b). Where attempted, the dimensions were not converted into metres prior to being calculated. The other question challenging candidates related to the machining process required to produce two components on a rip saw, where attempted only one was generally given and the process was limited to safety. Both these questions all gave the candidate the opportunity to gain six marks which would have increased their overall mark significantly.

The extended response question (Q 22) where most candidates discussed the considerations of door production following the contract being awarded rather than prior to quoting for the work. Most candidates were only awarded marks in Band 1 for this question. It is suggested that additional work is required by centres to coach candidates on the exam techniques required for 'extended response type questions to improve future performance.

It was identified there was a problem with question 20 the word 'speed' was missing from the stem, which could have hindered the candidates answering this question, but this was taken into consideration during marking and awarding to ensure candidates weren't disadvantaged. In order to support candidates and teaching and learning, we have amended the question to be correct. Therefore the past question paper which is available on the City and Guilds website has the correct version of the question.

The most common cause limiting the opportunity to award marks was that candidates did not read the questions thoroughly and gave rambling answers rather than focusing on the q

## Series 1 – Summer 2018

A well-balanced paper meeting the requirements of the test specification. This is the second series of the first year that candidates have had to take a short-written answer test. Most candidates attempted all questions within the time allowed.

Candidates did well reasonably well answering the multiple -question, with all candidates gaining between 4 and 7 out of the ten questions correct. The majority of candidates struggled with questions 1, 6 and 7 in particular. Q1, required knowledge around the reporting requirements of RIDDOR. Q2, revolved around component parts of a thicknessing machine and Q7, required knowledge around the setting up the thrust wheel assembly behind a bandsaw blade.

Within the short-written answers section candidates confidently answered questions around the following topics:

- Energy saving measure with many candidates achieving full marks in this area.
- CAD
- Operation carried out on a rip saw
- Changing circular saw blades

Questions which proved challenging revolved around the following topics:

- Planning work activities
- The costing of joinery work
- Information contained in manufacturer's instructions
- Functions of thicknesser parts
- Selecting appropriate mortice chisels
- Requirements of Regulation 9 within PUWER

The extended response question (Q 24) also proved challenging where most candidates discussed the considerations for the production of the windows rather than the planning and machine considerations required to construct the frames for the production run. Most candidates were only awarded marks in Band 1 for this question.

It is suggested that additional work is required by centres to coach candidates on the exam techniques required for 'extended response' type questions to improve future performance.

In common with the March paper, the most common cause limiting the opportunity to award marks was that candidates did not read the questions thoroughly and gave rambling answers rather than focusing on the question.



# Synoptic Assignment

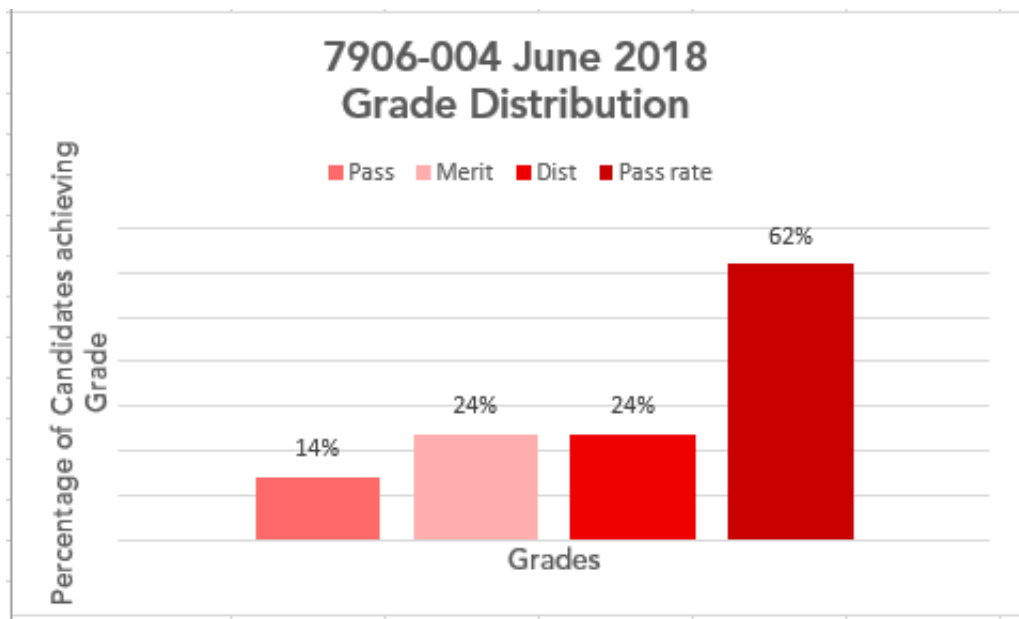
## Grade Boundaries

Below identifies the final grade boundaries for this assessment, as agreed by the awarding panel;

Assessment: 7906-004 Level 3 in Architectural Joinery –Synoptic Assignment  
Series: 2018

<b>Total marks available</b>	<b>60</b>
Pass mark	27
Merit mark	35
Distinction mark	43

The graph below shows the distributions of grades and pass rate for this assessment;



## Principal Moderator Commentary

A small cohort of learner registered for this qualification this series.

Task 1a-c of this assignment was written around Unit 308, Manufacture stairs with turns. It required the candidates to propose a suitable rise and going from given data, produce a scaled drawing and produce a full-size plan of the newel.

In general, the evidence met the task the requirements, but was not of a particularly good standard with the scaled drawing posing the greatest challenge.

There was very little evidence to suggest that this task was assessor marked and limited consideration or comment for this task was made when marking against the AOs.

Task 2a, required the candidate to set out a full-size rod of the sash and produce a cutting list.

The evidence submitted for this was generally good or better and fully met the task requirements. The photographic evidence of this often did not always clearly show the linework.

Task 3 required the candidates mark-out, manufacture and make a semi-circular headed casement sash. The assessor commentary reconciled with the photographic evidence and showed the work was generally carried out again to a good or better standard. Where it didn't the moderator remarked in alignment with the evidence uploaded.

### AO1

Assessors gave generally good commentary around candidate recall for tasks 2 and 3 but none was provided for task 1.

### AO2

Candidates showed good understanding of how to organise themselves to produce the sash.

This was supported by good commentary and photographic evidence. Candidate were free to use any correct method of construction and a range of methods was in evidence.

### AO3

All models were generally completed to a good or better standard. Assessor made most comment around this AO. Assessors did not however always comment on whether the candidate met the tolerances sufficiently well when writing commentary on the Practical Observation form. Commentary was also lacking around the contextualised examples provided for guidance.

### AO4

The application of knowledge, understanding and skills in order to complete the tasks, particularly 2 and 3 was evident. There was no evidence to suggest that additional material was required.

### AO5

The evidence showed that there was generally good attention to detail as supported by the photographic and assessor evidence uploaded.

### Best practice

Good photographic evidence meeting the requirements of the guidance, which had been checked for resolution prior to uploading, to ensure that effective moderation could take place (particularly the setting -out). Good detail given on the Practical Observation form against each AO for all tasks. Good justification for the marks given on the Candidates Record form which reconciles with the mark given to the photographic evidence uploaded.

Guidance has been given in individual centre reports to support continuous improvement.