

ASSESSMENT REPORT 2020

TEG315120 – TECHNICAL GRAPHICS

Folio Report

Folios were typically strong with a dominant architectural focus.

Criterion 7 design processes were particularly good, with most showing good exploration of concepts and ideas. Evolution of design correctly annotated was evident in nearly all folios. Stronger responses used scale and dimensions early in the process. Good folios also had very concise site analysis with existing interiors shown where needed.

Criterion 4 Standards were typically the weaker criterion in the folios. North arrows, correct scale and dimensioning were the main areas of weakness. Strong folios completed dimensioning correctly, used millimetres and used appropriate annotation. Accurate elevations relating to the building and the site were evident in the stronger folios. Good drawings used title blocks, which made it easier to navigate the folio.

Criterion 5 presentation was generally very good with good sequencing of project process evident. There was a wide range of drawing techniques with some high quality presentation drawings and sketches most using some good colour rendering to enhance their work. Use of one point and two point perspective drawings was very well done in most folios.

Marker Comments – Written Examination

Question 1

Less than 50% of students attempted this question and no correct answers were found. A common issue was that the thickness of the beam was not taken into account. Most attempts drew the correct plan and elevation views of the room.

Question 2

Most students attempted this question with few actually drawing the correct pentagon, some answers used different shapes. A common error was to not draw to the third angle standard with few correctly constructing the pentagon.

Question 3

Less than 50% of students attempted this question. No correct answers were found. Some simply sketched the shadow under the umbrella, without appreciating that the shape shadow needed to be shown on the ground surface.

Question 4

Most students attempted this question and no correct answers were found. There appeared to be little understanding of the shape of the lines on the label.

Question 5

Only about 25% of students answered this question. Common errors were not transposing the drawing correctly and not attempting or poorly attempting the true shape. Errors in dimensions were evident.

Question 6

25% of students answered this question and some interpreted it as a helix spring not a helical straight thread.

Question 7

Most students attempted this question. No-one correctly completed the elevation, but most correctly copied the question in preparation to completing the drawing. Very few attempts were made of the isometric view.

Question 8

50% of students attempted this question with only half getting a totally correct answer. Some had interpreted the question as a cycloid rather than a loci path.

Question 9

No students attempted this question.

Question 10

25% of students answered this question. Whilst the drawing was transferred correctly, the attempts failed to find the dihedral angle and did not show the correct true shape.