



Raw to Uniform Mark Boundaries

GCE Technology & Design Summer 2023

| Unit Level Uniform and Raw Mark Boundaries | | | | | | | | | Subject Level Uniform Mark Boundaries | | |
|---|--|-----|--|-----|----------------|-----|---|-----|--|-----|----|
| | STE1 Opt A | | STE1 Opt B | | STE1 Opt C | | STE2 | | AS | A2 | |
| | Electronic & Microelectronic Control Systems | | Mechanical & Pneumatic Control Systems | | Product Design | | Product Development (Coursework) ² | | | | |
| Max | Raw | UMS | Raw | UMS | Raw | UMS | Raw | UMS | 160 | 400 | |
| | | 80 | 80 | 80 | 80 | 80 | 80 | 100 | | | 80 |
| a | 48 | 64 | 49 | 64 | 44 | 64 | 70 | 64 | 128 | 320 | |
| b | 41 | 56 | 42 | 56 | 37 | 56 | 58 | 56 | 112 | 280 | |
| c | 34 | 48 | 35 | 48 | 30 | 48 | 46 | 48 | 96 | 240 | |
| d | 27 | 40 | 28 | 40 | 23 | 40 | 35 | 40 | 80 | 200 | |
| e | 20 | 32 | 21 | 32 | 17 | 32 | 24 | 32 | 64 | 160 | |

| Unit Level Uniform and Raw Mark Boundaries | | | | | | | | |
|---|--|-----|--|-----|----------------|-----|-------------------------------------|-----|
| | ATE1 Opt A | | ATE1 Opt B | | ATE1 Opt C | | ATE2 | |
| | Electronic & Microelectronic Control Systems | | Mechanical & Pneumatic Control Systems | | Product Design | | Product System Design & Manufacture | |
| Max | Raw | UMS | Raw | UMS | Raw | UMS | Raw | UMS |
| | | 80 | 120 | 80 | 120 | 80 | 120 | 100 |
| a | 46 | 96 | 48 | 96 | 51 | 96 | 73 | 96 |
| b | 37 | 84 | 39 | 84 | 42 | 84 | 62 | 84 |
| c | 28 | 72 | 30 | 72 | 33 | 72 | 51 | 72 |
| d | 19 | 60 | 21 | 60 | 25 | 60 | 40 | 60 |
| e | 10 | 48 | 13 | 48 | 17 | 48 | 30 | 48 |

The Uniform Mark boundaries will not change for the lifetime of this specification. However, the Raw Mark boundaries will be set independently in each examination series.

If you are planning to use these Raw Mark boundaries to estimate future performance and grades, they must be used with caution, as they change each series.

Candidates who completed AS units in Summer 2022 will have been awarded an overall UMS total for AS based on their performance in all units, or the mandatory units only scaled out of the maximum UMS (whichever was the highest).

The AS UMS from Summer 2022 will be aggregated with A2 units' UMS in Summer 2023 to arrive at a final UMS and grade for the subject.

Candidates retaking their A Level from Summer 2022 are entitled to same assessment arrangements as offered in Summer 2022. Their final grade will be based on their performance at A2 only, and scaled out of the maximum UMS for the subject.

Awarding A*:

A* grade will be awarded to candidates who have met both of the following criteria:

1. gain an A grade overall at A level (320+ UMS out of 400 UMS); and
2. gain 90%, or more, of the maximum UMS on the combined totals of their A2 units (216+ UMS out of 240 UMS).

A* will be awarded for A level cash-ins only. It will not be awarded at AS cash-in or for individual units.