



**GCE Technology & Design (S8904 & A8904)  
Grade Boundaries - Summer 2024**

Unit Level Uniform and Raw Mark Boundaries								
Notional Unit Level Grade	STE1 Opt A		STE1 Opt B		STE1 Opt C		STE2	
	Electronic & Microelectronic Control Systems		Mechanical & Pneumatic Control Systems		Product Design		Product Development (Coursework) <sup>2</sup>	
Max	Raw	UMS	Raw	UMS	Raw	UMS	Raw	UMS
		80	80	80	80	80	80	100
a	51	64	57	64	48	64	76	64
b	44	56	50	56	42	56	65	56
c	37	48	44	48	37	48	54	48
d	30	40	38	40	32	40	43	40
e	24	32	32	32	27	32	32	32

Subject Level Uniform Mark Boundaries		
	AS	A2
Max UMS	160	400
A	128	320
B	112	280
C	96	240
D	80	200
E	64	160

Unit Level Uniform and Raw Mark Boundaries								
Notional Unit Level Grade	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	52	96	48	96	55	96	79	96
b	44	84	40	84	46	84	68	84
c	37	72	33	72	38	72	58	72
d	28	60	24	60	29	60	46	60
e	20	48	16	48	20	48	35	48

A' Level weightings - AS units are weighted at 40% and A2 units are weighted at 60%.

The Uniform Mark boundaries do not change for the lifetime of the specification. 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.

Awarding A* at A' Level	A* grade will be awarded to candidates who achieve both of the following criteria:
	<ol style="list-style-type: none"> <li>achieve grade A overall at A level (320+ UMS out of 400 UMS); and</li> <li>achieve 90%, or more, of the maximum UMS in their A2 units (216+ UMS out of 240 UMS).</li> </ol>
	A* is awarded at A' Level subject level only. A* is not awarded at AS subject level or for individual units.