

Cambridge Nationals (first teaching September 2022): January 2024 series grade boundaries

Cambridge Nationals are unitised qualifications. This means the qualifications can be taken in chunks, or units, throughout the course. At the end of the course, you pull together all of the unit results into an overall qualification grade. The mark you get on each exam paper or coursework unit will be your unit mark. This is sometimes called a 'raw' mark.

However, the difficulty of Cambridge Nationals exam papers may vary. In order to make sure results are consistent from year to year, we convert the raw marks to a common scale with grade boundaries that do not change. This scale is known as the uniform mark scale (UMS).

A grade boundary is the minimum mark you need to get a grade. For example, if the unit grade boundary for a merit at Level 2 is 42 UMS, you need to get at least 42 UMS to achieve a merit at Level 2. A mark of 41 UMS would therefore be a pass at Level 2. The unit raw mark and UMS grade boundaries are provided within this document. If you want to convert a specific raw mark to UMS, you can use our online tool (ocr.org.uk/qualifications/convert-raw-marks-to-ums).

Units are graded as follows:

- 2* – distinction* at Level 2
- d2 – distinction at Level 2
- m2 – merit at Level 2
- p2 – pass at Level 2
- d1 – distinction at Level 1
- m1 – merit at Level 1
- p1 – pass at Level 1

Qualification level UMS grade boundaries

To calculate your overall qualification grade, we add the UMS for each unit to get your total UMS. We then check the total UMS against the qualification UMS grade boundaries. These do not change and are shown below:

	Max Mark	D*2	D2	M2	P2	D1	M1	P1	U
Level 1/2 Cambridge National	200	180	160	140	120	100	80	60	0

Unit level raw mark and UMS grade boundaries

J809 Level 1/2 Cambridge National in Child Development			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R057	01	Health and well-being for child development (Written Paper)	Raw	70	58	52	46	40	33	26	20	0
			UMS	80	72	64	56	48	40	32	24	0
R058 A	01	Create a safe environment and understand the nutritional needs of children from birth to five years (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R058 B	02	Create a safe environment and understand the nutritional needs of children from birth to five years (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R059 A	01	Understand the development of a child from one to five years (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R059 B	02	Understand the development of a child from one to five years (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0

J834 Level 1/2 Cambridge National in Creative iMedia

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R093	01	Creative iMedia in the media industry (Written Paper)	Raw	70	61	54	47	40	33	26	20	0
			UMS	80	72	64	56	48	40	32	24	0
R094 A	01	Visual identity and digital graphics (Moderated Upload)	Raw	50	45	40	35	30	25	20	15	0
R094 B	02	Visual identity and digital graphics (Moderated Postal)	Raw	50	45	40	35	30	25	20	15	0
			UMS	50	45	40	35	30	25	20	15	0
R095 A	01	Characters and comics (Moderated Upload)	Raw	70	63	56	49	42	35	28	21	0
R095 B	02	Characters and comics (Moderated Postal)	Raw	70	63	56	49	42	35	28	21	0
			UMS	70	63	56	49	42	35	28	21	0
R096 A	01	Animation with audio (Moderated Upload)	Raw	70	63	56	49	42	35	28	21	0
R096 B	02	Animation with audio (Moderated Postal)	Raw	70	63	56	49	42	35	28	21	0
			UMS	70	63	56	49	42	35	28	21	0
R097 A	01	Interactive digital media (Moderated Upload)	Raw	70	63	56	49	42	35	28	21	0
R097 B	02	Interactive digital media (Moderated Postal)	Raw	70	63	56	49	42	35	28	21	0
			UMS	70	63	56	49	42	35	28	21	0
R098 A	01	Visual imaging (Moderated Upload)	Raw	70	63	56	49	42	35	28	21	0
R098 B	02	Visual imaging (Moderated Postal)	Raw	70	63	56	49	42	35	28	21	0
			UMS	70	63	56	49	42	35	28	21	0
R099 A	01	Digital games (Moderated Upload)	Raw	70	63	56	49	42	35	28	21	0
R099 B	02	Digital games (Moderated Postal)	Raw	70	63	56	49	42	35	28	21	0
			UMS	70	63	56	49	42	35	28	21	0

J822 Level 1/2 Cambridge National in Engineering Design

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R038	01	Principles of engineering design (Written Paper)	Raw	70	62	55	48	41	34	27	20	0
			UMS	80	72	64	56	48	40	32	24	0
R039 A	01	Communicating designs (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R039 B	02	Communicating designs (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R040 A	01	Design evaluation and modelling (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R040 B	02	Design evaluation and modelling (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0

J823 Level 1/2 Cambridge National in Engineering Manufacture

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R014	01	Principles of engineering manufacture (Written Paper)	Raw	70	59	52	45	38	31	25	19	0
			UMS	80	72	64	56	48	40	32	24	0
R015 A	01	Manufacturing a one-off product (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R015 B	02	Manufacturing a one-off product (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R016 A	01	Manufacturing in quantity (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R016 B	02	Manufacturing in quantity (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0

J824 Level 1/2 Cambridge National in Engineering Programmable Systems

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R047	01	Principles of electronic and programmable systems (Written Paper)	Raw	70	62	55	47	40	33	26	19	0
			UMS	80	72	64	56	48	40	32	24	0
R048 A	01	Making and testing electronic circuits (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R048 B	02	Making and testing electronic circuits (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R049 A	01	Developing programmable systems (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R049 B	02	Developing programmable systems (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0

J837 Level 1/2 Cambridge National in Enterprise and Marketing

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R067	01	Enterprise and marketing concepts (Written Paper)	Raw	70	60	53	46	40	33	27	21	0
			UMS	80	72	64	56	48	40	32	24	0
R068 A	01	Design a business proposal (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R068 B	02	Design a business proposal (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R069 A	01	Market and pitch a business proposal (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R069 B	02	Market and pitch a business proposal (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0

J835 Level 1/2 Cambridge National in Health and Social Care

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R032	01	Principles of care in health and social care settings (Written Paper)	Raw	70	62	55	48	41	34	27	21	0
			UMS	80	72	64	56	48	40	32	24	0
R033 A	01	Supporting individuals through life events (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R033 B	02	Supporting individuals through life events (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R034 A	01	Creative and therapeutic activities (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R034 B	02	Creative and therapeutic activities (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R035 A	01	Health promotion campaigns (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R035 B	02	Health promotion campaigns (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0

J836 Level 1/2 Cambridge National in IT

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R050	01	IT in the digital world (Written Paper)	Raw	70	54	47	40	33	28	23	18	0
			UMS	80	72	64	56	48	40	32	24	0
R060 A	01	Data manipulation using spreadsheets (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R060 B	02	Data manipulation using spreadsheets (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0
R070 A	01	Using Augmented Reality to present information (Moderated Upload)	Raw	60	54	48	42	36	30	24	18	0
R070 B	02	Using Augmented Reality to present information (Moderated Postal)	Raw	60	54	48	42	36	30	24	18	0
			UMS	60	54	48	42	36	30	24	18	0

J828 Level 1/2 Cambridge National in Sport Science

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R180	01	Reducing the risk of sports injuries and dealing with common medical conditions (Written Paper)	Raw	70	63	56	49	42	35	28	21	0
			UMS	80	72	64	56	48	40	32	24	0
R181 A	01	Applying the principles of training: fitness and how it affects skill performance (Moderated Upload)	Raw	80	72	64	56	48	40	32	24	0
R181 B	02	Applying the principles of training: fitness and how it affects skill performance (Moderated Postal)	Raw	80	72	64	56	48	40	32	24	0
			UMS	80	72	64	56	48	40	32	24	0
R182 A	01	The body's response to physical activity and how technology informs this (Moderated Upload)	Raw	40	36	32	28	24	20	16	12	0
R182 B	02	The body's response to physical activity and how technology informs this (Moderated Postal)	Raw	40	36	32	28	24	20	16	12	0
			UMS	40	36	32	28	24	20	16	12	0
R183 A	01	Nutrition and sports performance (Moderated Upload)	Raw	40	36	32	28	24	20	16	12	0
R183 B	02	Nutrition and sports performance (Moderated Postal)	Raw	40	36	32	28	24	20	16	12	0
			UMS	40	36	32	28	24	20	16	12	0

J829 Level 1/2 Cambridge National in Sport Studies

			Max Mark	2*	d2	m2	p2	d1	m1	p1	u	
R184	01	Contemporary issues in sport (Written Paper)	Raw	70	63	56	49	42	35	28	21	0
			UMS	80	72	64	56	48	40	32	24	0
R185 A	01	Performance and leadership in sports activities (Moderated Upload)	Raw	80	72	64	56	48	40	32	24	0
R185 B	02	Performance and leadership in sports activities (Moderated Postal)	Raw	80	72	64	56	48	40	32	24	0
			UMS	80	72	64	56	48	40	32	24	0
R186 A	01	Sport and the media (Moderated Upload)	Raw	40	36	32	28	24	20	16	12	0
R186 B	02	Sport and the media (Moderated Postal)	Raw	40	36	32	28	24	20	16	12	0
			UMS	40	36	32	28	24	20	16	12	0
R187 A	01	Increasing awareness of Outdoor and Adventurous Activities (Moderated Upload)	Raw	40	36	32	28	24	20	16	12	0
R187 B	02	Increasing awareness of Outdoor and Adventurous Activities (Moderated Postal)	Raw	40	36	32	28	24	20	16	12	0
			UMS	40	36	32	28	24	20	16	12	0