

Cambridge Nationals grade boundaries June 2024 series

Cambridge Nationals are unitted 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

For more information about results and grade calculations, see <https://www.ocr.org.uk/students/getting-your-results/>.

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	UMS 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 UMS 80	48 72	43 64	37 56	31 48	26 40	22 32	18 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	52	46	40	34	28	22	16	0
R058 B 02 Create a safe environment and understand the nutritional needs of children from birth to five years (Moderated Postal)	Raw 60 UMS 60	52 54	46 48	40 42	34 36	28 30	22 24	16 18	0
R059 A 01 Understand the development of a child from one to five years (Moderated Upload)	Raw 60	52	46	40	34	28	22	16	0
R059 B 02 Understand the development of a child from one to five years (Moderated Postal)	Raw 60 UMS 60	52 54	46 48	40 42	34 36	28 30	22 24	16 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 UMS 80	57 72	51 64	43 56	35 48	29 40	23 32	17 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 UMS 50	45 45	40 40	35 35	30 30	25 25	20 20	15 15	0
R095 A 01 Characters and comics (Moderated Upload)	Raw 70	63	56	48	41	34	27	21	0
R095 B 02 Characters and comics (Moderated Postal)	Raw 70 UMS 70	63 63	56 56	48 49	41 42	34 35	27 28	21 21	0
R096 A 01 Animation with audio (Moderated Upload)	Raw 70	63	56	48	41	34	27	21	0
R096 B 02 Animation with audio (Moderated Postal)	Raw 70 UMS 70	63 63	56 56	48 49	41 42	34 35	27 28	21 21	0
R097 A 01 Interactive digital media (Moderated Upload)	Raw 70	63	56	48	41	34	27	21	0
R097 B 02 Interactive digital media (Moderated Postal)	Raw 70 UMS 70	63 63	56 56	48 49	41 42	34 35	27 28	21 21	0
R098 A 01 Visual imaging (Moderated Upload)	Raw 70	63	56	48	41	34	27	21	0
R098 B 02 Visual imaging (Moderated Postal)	Raw 70 UMS 70	63 63	56 56	48 49	41 42	34 35	27 28	21 21	0
R099 A 01 Digital games (Moderated Upload)	Raw 70	63	56	48	41	34	27	21	0
R099 B 02 Digital games (Moderated Postal)	Raw 70 UMS 70	63 63	56 56	48 49	41 42	34 35	27 28	21 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	58	53	46	39	32	26	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	57	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	55	49	41	34	28	22	17	0
			UMS	80	72	64	56	48	40	32	24	0
R048 A	01	Making and testing electronic circuits (Moderated Upload)	Raw	60	53	47	41	35	29	23	17	0
R048 B	02	Making and testing electronic circuits (Moderated Postal)	Raw	60	53	47	41	35	29	23	17	0
			UMS	60	54	48	42	36	30	24	18	0
R049 A	01	Developing programmable systems (Moderated Upload)	Raw	60	53	47	41	35	29	23	17	0
R049 B	02	Developing programmable systems (Moderated Postal)	Raw	60	53	47	41	35	29	23	17	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	44	36	30	24	18	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	43	38	32	27	23	20	17	0
			UMS	80	72	64	56	48	40	32	24	0
R033 A	01	Supporting individuals through life events (Moderated Upload)	Raw	60	52	46	40	34	28	22	16	0
R033 B	02	Supporting individuals through life events (Moderated Postal)	Raw	60	52	46	40	34	28	22	16	0
			UMS	60	54	48	42	36	30	24	18	0
R034 A	01	Creative and therapeutic activities (Moderated Upload)	Raw	60	52	46	40	34	28	22	16	0
R034 B	02	Creative and therapeutic activities (Moderated Postal)	Raw	60	52	46	40	34	28	22	16	0
			UMS	60	54	48	42	36	30	24	18	0
R035 A	01	Health promotion campaigns (Moderated Upload)	Raw	60	52	46	40	34	28	22	16	0
R035 B	02	Health promotion campaigns (Moderated Postal)	Raw	60	52	46	40	34	28	22	16	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	49	43	35	27	22	18	14	0
			UMS	80	72	64	56	48	40	32	24	0
R060 A	01	Data manipulation using spreadsheets (Moderated Upload)	Raw	60	53	47	41	35	29	23	17	0
R060 B	02	Data manipulation using spreadsheets (Moderated Postal)	Raw	60	53	47	41	35	29	23	17	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	43	38	32	26	21	17	13	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	70	62	54	46	38	30	22	0
R181 B	02	Applying the principles of training: fitness and how it affects skill performance (Moderated Postal)	Raw	80	70	62	54	46	38	30	22	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	33	29	25	21	17	13	9	0
R182 B	02	The body's response to physical activity and how technology informs this (Moderated Postal)	Raw	40	33	29	25	21	17	13	9	0
			UMS	40	36	32	28	24	20	16	12	0
R183 A	01	Nutrition and sports performance (Moderated Upload)	Raw	40	33	29	25	21	17	13	9	0
R183 B	02	Nutrition and sports performance (Moderated Postal)	Raw	40	33	29	25	21	17	13	9	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	47	41	33	26	21	17	13	0
			UMS	80	72	64	56	48	40	32	24	0
R185 A	01	Performance and leadership in sports activities (Moderated Upload)	Raw	80	70	62	54	46	38	30	22	0
R185 B	02	Performance and leadership in sports activities (Moderated Postal)	Raw	80	70	62	54	46	38	30	22	0
			UMS	80	72	64	56	48	40	32	24	0
R186 A	01	Sport and the media (Moderated Upload)	Raw	40	34	30	26	22	18	14	10	0
R186 B	02	Sport and the media (Moderated Postal)	Raw	40	34	30	26	22	18	14	10	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	34	30	26	22	18	14	10	0
R187 B	02	Increasing awareness of Outdoor and Adventurous Activities (Moderated Postal)	Raw	40	34	30	26	22	18	14	10	0
			UMS	40	36	32	28	24	20	16	12	0