MATH 162 FALL 2024 MIDTERM 2 GRADING SCHEME

To convert your numerical score (out of 100 points) to your grade on a 4.0 scale, use the following formula:

$$\text{Grade on 4.0 scale } = \max\left(0, 3 + \frac{4(\text{ numerical score } - 79)}{63}\right).$$

The median numerical score for this exam was 79, which corresponds to a grade of 3.0 or a letter grade of B.

Numerical score	Grade	Numerical score	Grade
0	0	60	1.79
10	0	65	2.11
20	0	70	2.43
30	0	75	2.75
35	0.21	80	3.06
40	0.52	85	3.38
45	0.84	90	3.70
50	1.16	95	4.02
55	1.48	100	4.33

The letter grade which corresponds to your score out of 4.0 can be found using the following table:

Letter Grade	A+	A	A-	B+	B	B-
Grade range on 4.0 scale (± 0.1667)	4.33	4.0	3.66	3.33	3.0	2.66
Letter grade	C+	C	C-	D +	D	D -
Grade range on 4.0 scale (± 0.1667)	2.33	2.0	1.66	1.33	1.0	0.66

For example, a score of either 3.1 or 2.9 would fall in the range 3.0 ± 0.1667 and would therefore correspond to a "B". A score of 3.83 would fall in the range 4.0 ± 0.1667 and corresponds to a letter grade of "A". A letter grade of E corresponds to a score of less than 0.50.