

**Notes:**

All students who gain from it have been given a so-called assessed grade, based only on the first two midterms. For those who are better off using the regular grading scheme posted in the course outline, I have used that grading scheme. This way, no student has been made any worse off by attending the third midterm, compared to not attending. This I promised students who asked about the assessed grade option prior to the third midterm.

The assessed numerical grade, call it  $W^A$ , is calculated as

$$W^A = \frac{0.3M_1 + 0.5M_2}{0.8} = 0.375M_1 + 0.625M_2.$$

The regular numerical grade, which we here might call  $W^R$ , is calculated as in the course outline:

$$W^R = 0.3M_1 + 0.5M_2 + 0.2M_3.$$

Then the  $W$  on which the letter grades are based equals whatever is larger,  $W^R$  or  $W^A$ , i.e.,

$$W = \max\{W^R, W^A\}.$$

Having calculated  $W$  as above, I also made the grading scheme more generous by letting the (letter) grade be determined by the following function:

$$G = \begin{cases} A+ & \text{if } W \geq 0.90 \\ A & \text{if } W \in [0.81, 0.90) \\ B+ & \text{if } W \in [0.74, 0.81) \\ B & \text{if } W \in [0.60, 0.74) \\ C+ & \text{if } W \in [0.55, 0.60) \\ C & \text{if } W \in [0.52, 0.55) \\ D+ & \text{if } W \in [0.40, 0.52) \\ D & \text{if } W \in [0.25, 0.40) \\ E & \text{if } W \in [0.20, 0.25) \\ F & \text{if } W < 0.20 \end{cases}$$

Midterm 3 results

SID (last 5 digits)	Problem 1 out of 3	Problem 2 out of 5	Problem 3 out of 4	Midterm 3 out of 12	M1	M2	M3	W^A ("assessed")	W^R ("regular")	W (best of)	Grade
88979	3	2.5	4	9.5	0.75	0.46	0.79	0.57	0.61	0.61	B
20057	2.5	4.5	4	11	0.92	0.75	0.92	0.81	0.83	0.83	A
05896	1	2.5	2	5.5	0.67	0.58	0.46	0.61	0.58	0.61	B
55013	3	5	4	12	1.00	0.79	1.00	0.87	0.90	0.90	A+
75493	2.5	5	4	11.5	1.00	1.00	0.96	1.00	0.99	1.00	A+
01520	2.5	5	4	11.5	0.92	0.79	0.96	0.84	0.86	0.86	A
79718	3	4	4	11	0.92	0.92	0.92	0.92	0.92	0.92	A+
38637					0.46	0.00	0.00	0.17	0.14	0.17	F
30615	2	3	3	8	0.46	0.50	0.67	0.48	0.52	0.52	C
45882	1.5	4	4	9.5	0.83	0.83	0.79	0.83	0.83	0.83	A
63231	2	4.5	4	10.5	0.67	0.54	0.88	0.59	0.65	0.65	B
05200	2	3	3.5	8.5	0.42	0.71	0.71	0.60	0.62	0.62	B
36230	2.5	4	4	10.5	0.46	0.50	0.88	0.48	0.56	0.56	C+
43051	2.5	4	2	8.5	0.54	0.54	0.71	0.54	0.58	0.58	C+
48725	1.5	3.5	4	9	0.71	0.88	0.75	0.81	0.80	0.81	A
04026	1.5	4	4	9.5	0.92	0.71	0.79	0.79	0.79	0.79	B+
41154					0.88	0.00	0.00	0.33	0.26	0.33	D
68614					0.04	0.00	0.00	0.02	0.01	0.02	F
01750	3	3.5	3.5	10	0.71	0.75	0.83	0.73	0.75	0.75	B+
79779	2	3	3	8	0.33	0.75	0.67	0.59	0.61	0.61	B
18001	1	3	4	8	0.83	0.58	0.67	0.68	0.68	0.68	B
56862	3	4.5	3.5	11	0.54	0.83	0.92	0.72	0.76	0.76	B+
84412	0	2.5	2	4.5	0.46	0.21	0.38	0.30	0.32	0.32	D
13208	2.5	2.5	3.5	8.5	0.54	0.50	0.71	0.52	0.55	0.55	C+
13730	3	5	3.5	11.5	0.88	0.79	0.96	0.82	0.85	0.85	A
52371	3	0.5	3.5	7	0.75	0.67	0.58	0.70	0.68	0.70	B
81082	0	1	3.5	4.5	0.29	0.58	0.38	0.47	0.45	0.47	D+
49724	3	2.5	4	9.5	0.67	0.79	0.79	0.74	0.75	0.75	B+
50440					0.00	0.00	0.00	0.00	0.00	0.00	F
58982					0.38	0.00	0.00	0.14	0.11	0.14	F
22127	0.5	0.5	3	4	0.58	0.29	0.33	0.40	0.39	0.40	D+
97987					0.13	0.00	0.00	0.05	0.04	0.05	F
54927	1	5	4	10	0.83	0.67	0.83	0.73	0.75	0.75	B+
26988	1.5	5	4	10.5	0.96	0.83	0.88	0.88	0.88	0.88	A
93113	1	2.5	0.5	4	0.67	0.50	0.33	0.56	0.52	0.56	C+
35895	2.5	3.5	4	10	0.96	0.79	0.83	0.85	0.85	0.85	A
82827	2	3	3	8	0.63	0.58	0.67	0.60	0.61	0.61	B
50028	1.5	3.5	2	7	0.08	0.38	0.58	0.27	0.33	0.33	D
04913	2	3.5	2	7.5	0.46	0.46	0.63	0.46	0.49	0.49	D+
24506	1.5	2	4	7.5	0.50	0.42	0.63	0.45	0.48	0.48	D+
44513	2	3.5	3	8.5	0.38	0.67	0.71	0.56	0.59	0.59	C+
94520				0	0.25	0.29	0.00	0.28	0.22	0.28	D
68872				0	0.17	0.00	0.00	0.06	0.05	0.06	F
57862	2	2	4	8	0.67	0.71	0.67	0.69	0.69	0.69	B
08205	1.5	2.5	3.5	7.5	0.67	0.63	0.63	0.64	0.64	0.64	B
90519	3	3.5	3.5	10	0.58	0.79	0.83	0.71	0.74	0.74	B+
77015	3	5	4	12	1.00	1.00	1.00	1.00	1.00	1.00	A+
07173	2.5	2.5	3.5	8.5	0.75	0.63	0.71	0.67	0.68	0.68	B