

## Midterm results FYS4170/FYS9170 (autumn 2020)

Out of the 50 points that were available in the final exam, 9 were needed to pass. The letter grade is then calculated from the total number of points  $P$  as follows:

$P \geq 9$  : **E** (pass)

$P \geq 13$  : **D**

$P \geq 19$  : **C**

$P \geq 26$  : **B**

$P \geq 35$  : **A**

For *PhD students* the *final* grade for the course will just be pass/fail. A pass requires that the grade of the midterm averages with the final oral exam to C or better. This translates to the requirement of an A (B,C) in the final oral exam if you have passed the midterm exam with an E (D,C).

In detail, the point distribution per problem and final grade is given as follows:

Student number	Problem 1a	1b	Problem 2a	2b	2c	2d	Problem 3a	3b	3c	Problem 4a	4b	4c	4d	Sum	Grade
<b>max points</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>50</b>	
[max points achieved]	3	3	2	3	2	2	4	8	1,5	3,5	5	5	1,5	43,5	
15203	2,5	2	1	—	0	0	0	0	—	0	—	—	1,5	7	<b>F</b>
15204	0	1	2	2,5	2	2	2	—	—	1,5	0	—	—	13	<b>D</b>
15206	2,5	3	2	3	2	2	1	2	1,5	3	5	5	0,5	32,5	<b>B</b>
15208	—	—	0,5	2	1,5	1	—	—	—	—	—	—	—	5	<b>F</b>
15209	0	0,5	0	1,5	2	0	0,5	1	0	0,5	1	—	—	7	<b>F</b>
15210	3	3	2	3	2	1,5	3,5	5,5	—	2,5	5	4,5	0,5	36	<b>A</b>
15211	1	—	0,5	2,5	0	0	0,5	8	0,5	2	2	1	0,5	18,5	<b>C</b>
15213	1	2	2	0,5	0	—	0,5	0	—	0,5	1	0	1	8,5	<b>E</b>
15214	2	2	2	2	2	1	1,5	—	—	3	2,5	1	—	19	<b>C</b>
15215	—	—	2	2,5	0,5	1,5	0	1	0	0,5	0,5	0	0,5	9	<b>E</b>
15218	3	3	0,5	0	0	0,5	0	0	—	—	—	—	—	7	<b>F</b>
15219	1,5	3	2	2,5	2	2	0	3	—	—	—	—	—	16	<b>D</b>
15220	1	1,5	2	2,5	0,5	0,5	3	1	0,5	3	4	0	—	19,5	<b>C</b>
15224	2,5	2	0	3	0	0	1,5	0	1,5	2	—	—	—	12,5	<b>D</b>
15225	3	3	2	-	0	-	3	3,5	0	1,5	2,5	0	—	18,5	<b>C</b>
15301	1	1,5	2	2,5	1	2	4	2,5	0,5	3,5	5	3,5	—	29	<b>B</b>
15302	3	3	0,5	1	0,5	0,5	0	0	—	1,5	2,5	2	1	15,5	<b>D</b>
15303	0,5	0,5	2	0	0,5	0,5	1	4,5	0	1	1	0	0	11,5	<b>E</b>

[The second row indicates the maximal number of points reached by *any* student. This means that only problem 4d was not fully solved by anyone in class (4c was *almost* completely solved), which is likely an indication of lack of time. In the translation from points to grades I thus effectively used 44 points as the maximum that was achievable.]