

## Final results FYS4170 (autumn 2018)

candidate	exam (max 45 pts.)	midterm (max 60 pts.)	Final grade (max 45 pts.)
15001	24.5	45.5	26 / <b>C</b>
15002	15.5	36	18 / <b>D</b>
15003	35.5	55	35 / <b>A</b>
15007	19	27.5	19 / <b>D</b>
15009	35	42	33 / <b>A</b>
15011	16	17.5	15 / <b>E</b>
15013	16.5	33.5	18 / <b>D</b>
15016	16.5	37	19 / <b>D</b>
15018	16	22	16 / <b>E</b>
15020	15.5	34.5	18 / <b>D</b>
15022	35	28	30 / <b>B</b>
15024	23	30	22 / <b>C</b>
15029	22.5	42.5	24 / <b>C</b>
15031	16.5	41	20 / <b>D</b>
15032	28	37	27 / <b>B</b>
15101	28	51.5	30 / <b>B</b>

The points  $P$  in the last column are given by  $P = 0.7F + 0.172(M + 6)$ , where  $F$  ( $M$ ) are the points obtained in the final (midterm) exam.<sup>1</sup> The final grade is then obtained as follows:

$P \geq 12$  : **E** (pass)

$P \geq 17$  : **D**

$P \geq 22$  : **C**

$P \geq 27$  : **B**

$P \geq 32$  : **A**

### point distribution per problem

Student number	Problem 1a	Problem 1b	Problem 1c	Problem 2a	Problem 2b	Problem 2c	Problem 3a	Problem 3b	3c
<b>max points</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>6</b>
15001	2	2	2	1.5	0.5	0.5	6	6.5	3.5
15002	0.5	—	0.5	0	0.5	1	6	5	2
15003	4	3	4.5	2.5	3	2.5	6	4.5	5.5
15007	4	2	0.5	2	1.5	1.5	4	2.5	1
15011	1.5	0	0	0.5	1.5	—	6	3	3.5
15013	2	1.5	2.5	0	1	2	1.5	3	3
15016	2	2	1	0	1	1	4.5	4.5	0.5
15018	2	2.5	2	—	—	—	5	4.5	—
15020	—	—	—	0	0	0	5	5	5.5
15024	4	1.5	1.5	2.5	2	3.5	2.5	3.5	2
15029	3.5	3	1.5	0.5	—	—	6	5.5	2.5
15031	2	1.5	0.5	1	2.5	3.5	0.5	3.5	1.5
15032	4	2	3	2.5	1.5	2	3.5	5.5	4
15101	4	2.5	1.5	2	4	3.5	6	4.5	—

<sup>1</sup>12 (15) points were needed to pass the final (midterm) exam, while an ‘A’ required at least 35 (50) points. For the final grade, the points  $M$  of the midterm were adjusted to map to the same grade range (from E to A) as the points  $F$  of the final exam, then weighted in with 30%.