

HW 2 – Report

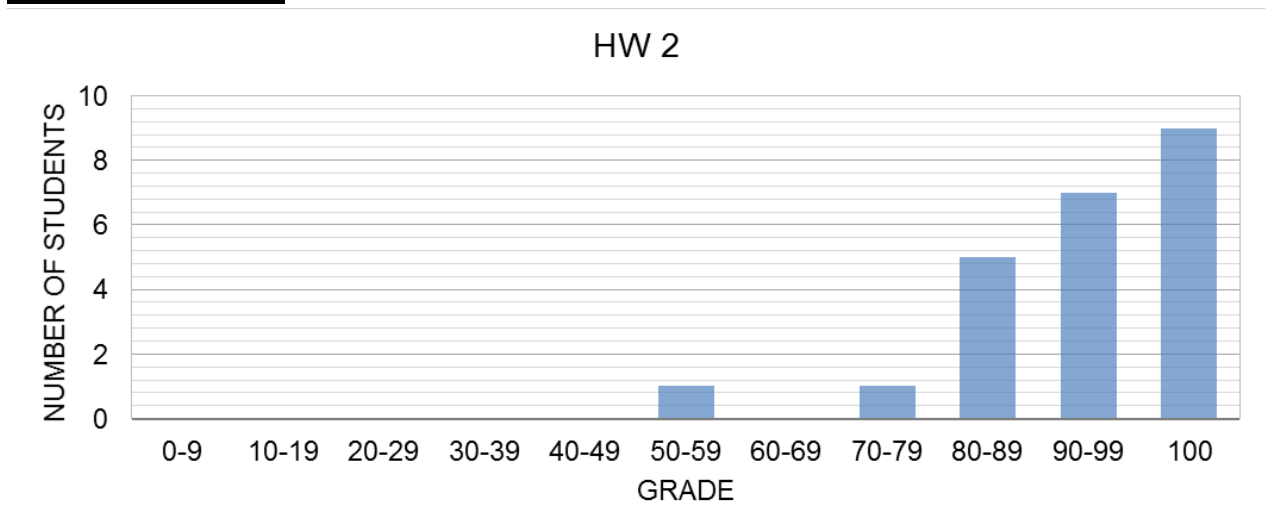
General

Total number of students	24
Number of submitted HW	23
Number of not submitted HW	1
Number of problems	7+1
Average grade (without bonus for undergrads)	92.59
Standard deviation of grades	10.45
Including bonus for undergraduate students	
Average grade	100.23
Standard deviation of grades	12.83

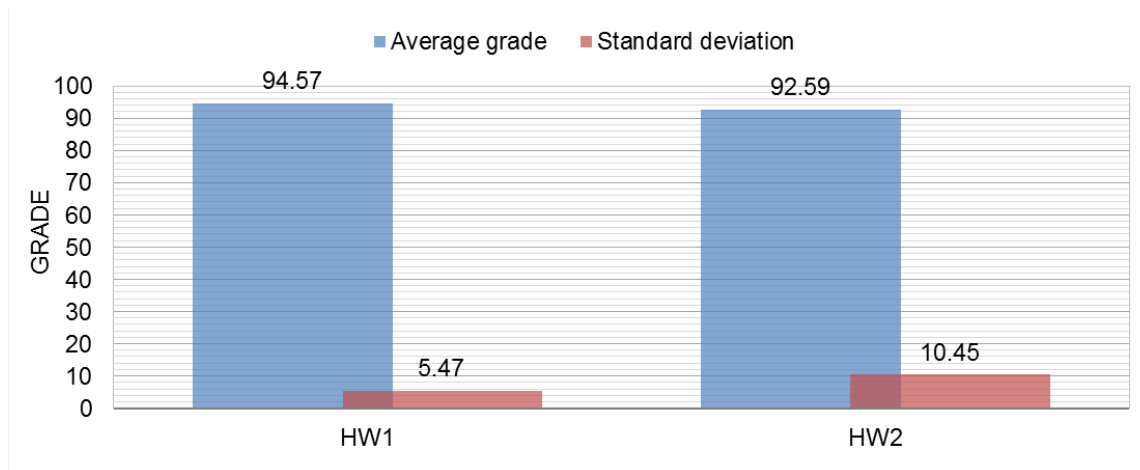
Individual problem breakdown

Problem	P1.47	P1.67	P1.74	P1.80	P2.48	P2.79	P2.83	C1.11
Average grade	9.43	9.59	9.70	9.39	9.20	9.11	8.33	9.47
Standard deviation of grades	0.96	0.81	0.54	1.58	2.16	2.19	2.48	1.23

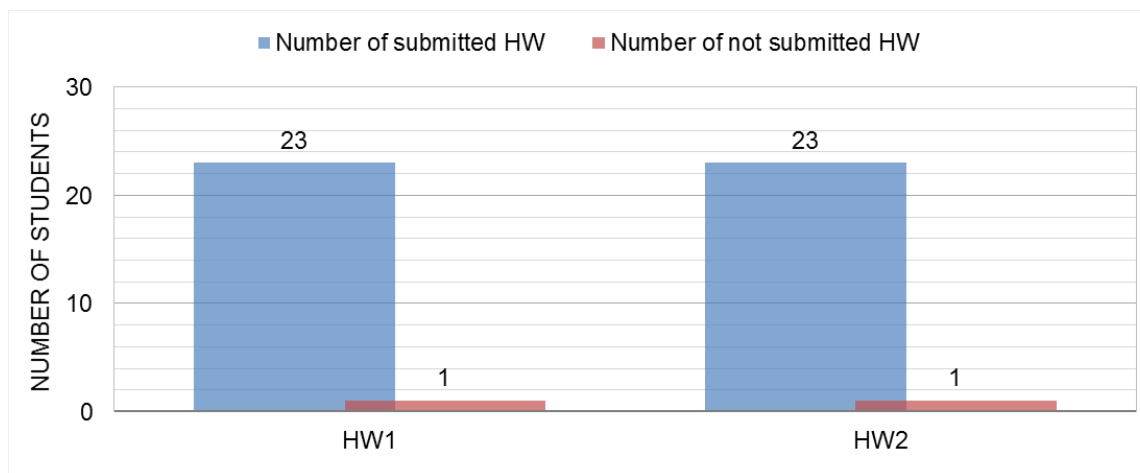
Grade distribution



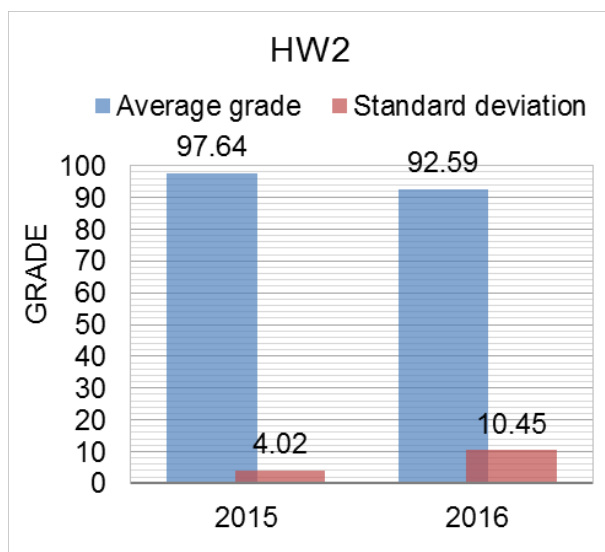
Grade history



Submission history



Comparison with last year



Comments

- Some students did not follow the format.
- Few students did not solve P2.79 by evaluating the y position of the center of pressure.
- Few students did not calculate correctly horizontal and vertical forces acting on the surface and did not apply correctly the balance of moments around the hinge.
- Some students made mistakes in the calculations of P2.48 and P2.79.
- 60% of undergraduate students solved the comprehensive problem C1.11; almost all who attempted could solve the problem correctly.