

HW 6 – Report

General

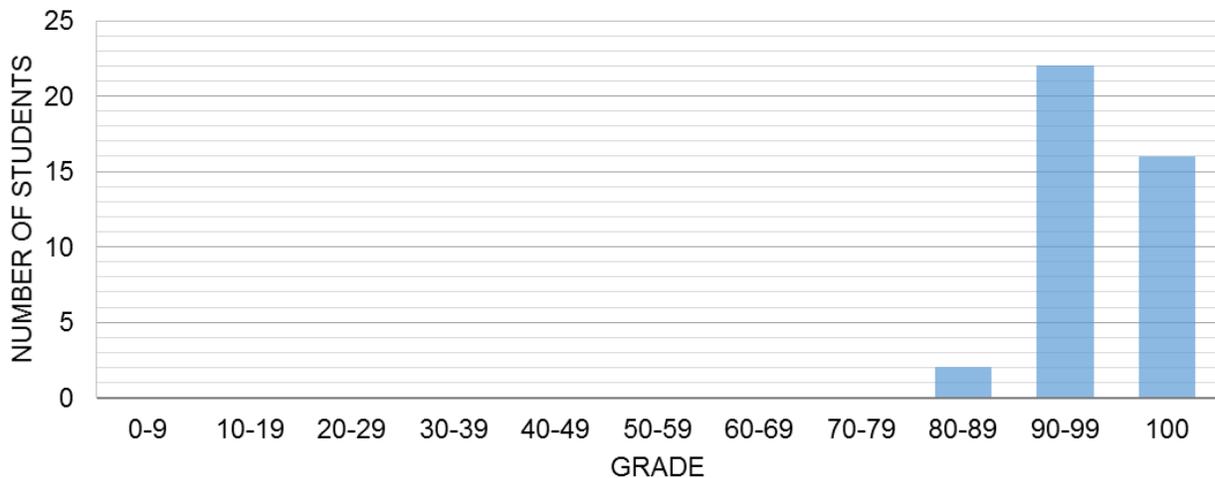
Total number of students	42
Number of submitted HW	40
Number of not submitted HW	2
Number of problems	4+1
Average grade (w/o bonus)	97.58
Standard deviation of grades	3.25
Undergraduate (w/ bonus)	
Average grade	115.3
Standard deviation of grades	11.94
Graduate	
Average grade	96.60
Standard deviation of grades	2.88

Individual problem breakdown

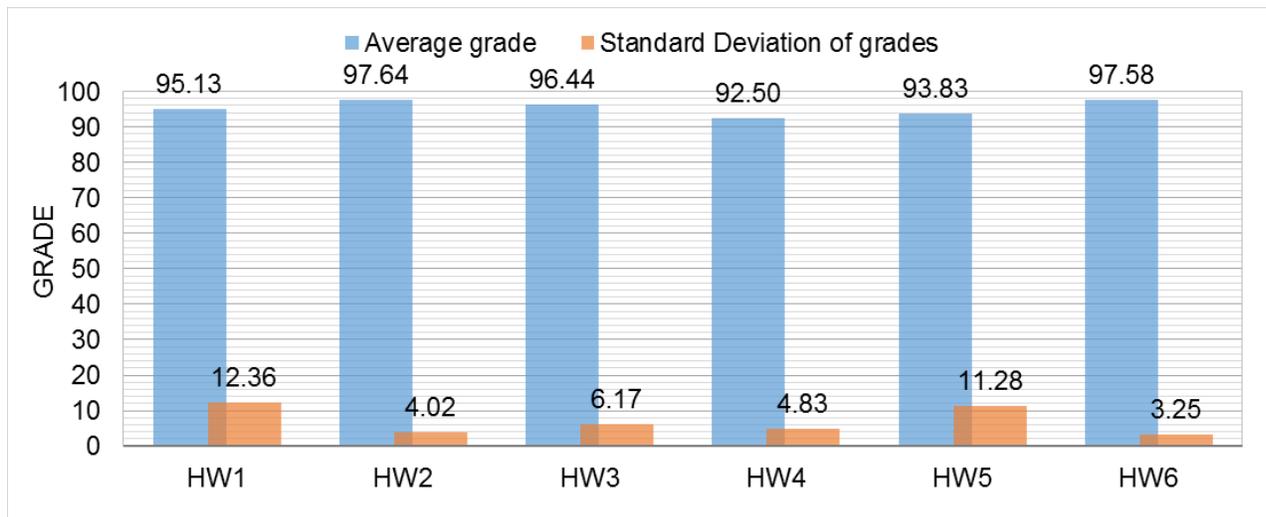
Problem	3.150	4.80	4.85	4.95	C3.3*
Average grade	9.80	9.81	9.91	9.46	9.88
Standard deviation of grades	0.30	0.43	0.36	1.02	0.45

*Based on the number of students who attempted to solve the problem

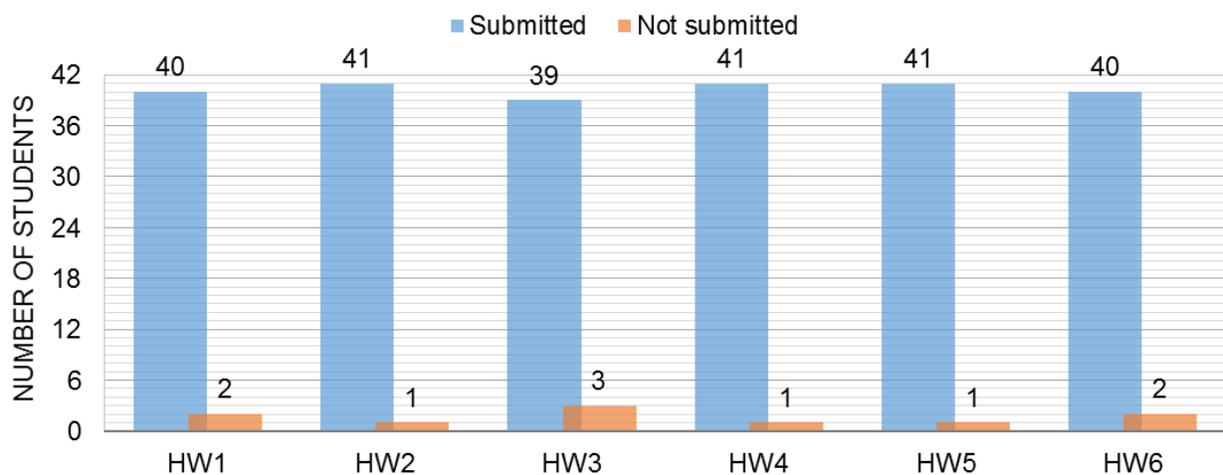
Grade distribution



Grade history



Submission history



Comments

- 30% of students got the wrong sign for the torque (P3.150) because they did not consider that $\hat{j} \times \hat{i} = -\hat{k}$.
- 10% of students did not consider that the direction of action of gravity is opposite to the axis: $g_z = -g$ (P4.80).
- 12.5% of students made mistakes in calculating the shear stress at the interface (P4.95).
- 67.5% of undergraduate students attempted to solve the comprehensive problems; almost all who attempted could solve the problem correctly (the others made only little mistakes).