HW 12 – Report

General

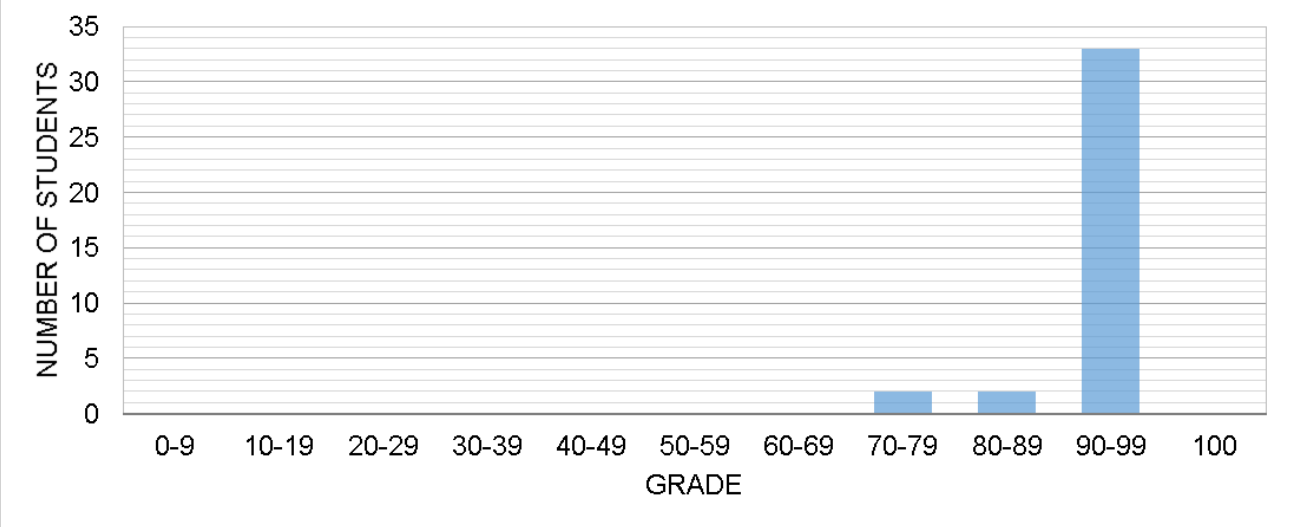
Total number of students	41
Number of submitted HW	37
Number of not submitted HW	4
Number of problems	7+1
Average grade (w/o bonus)	95.27
Standard deviation of grades	5.23
Undergraduate (w/ bonus)	
Average grade	102.88
Standard deviation of grades	7.99
Graduate	
Average grade	93.25
Standard deviation of grades	9.67

Individual problem breakdown

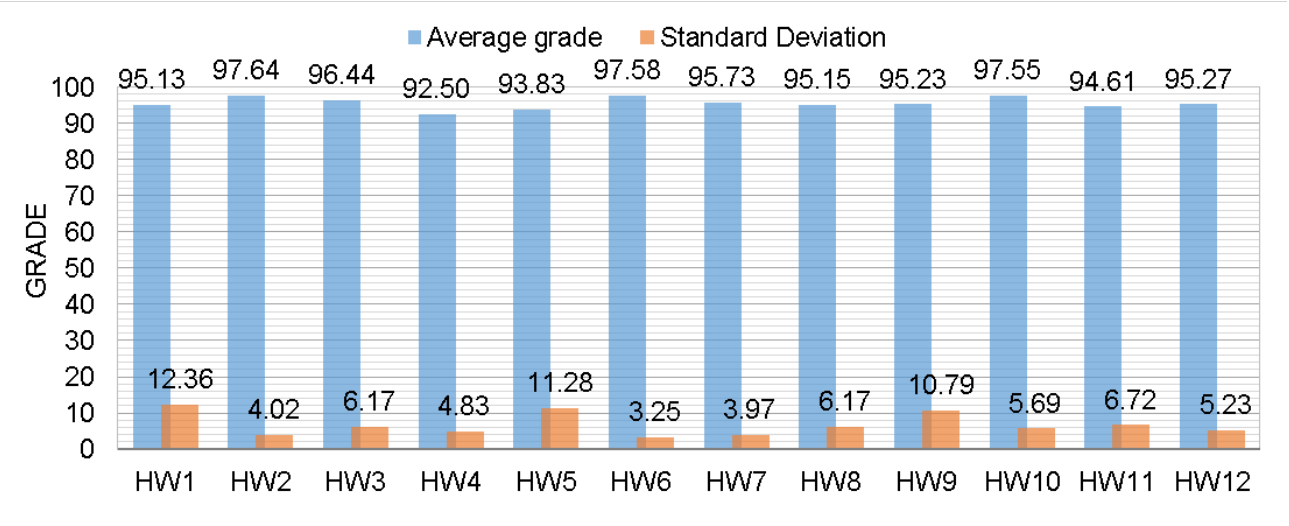
Problem	7.33	7.1	7.50	7.55	7.75	7.93	7.108	C7.2*
Average grade	9.88	9.61	9.73	9.59	9.97	9.08	9.01	9.45
Standard deviation of grades	0.55	1.21	1.48	1.62	0.16	0.28	1.69	2.17

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

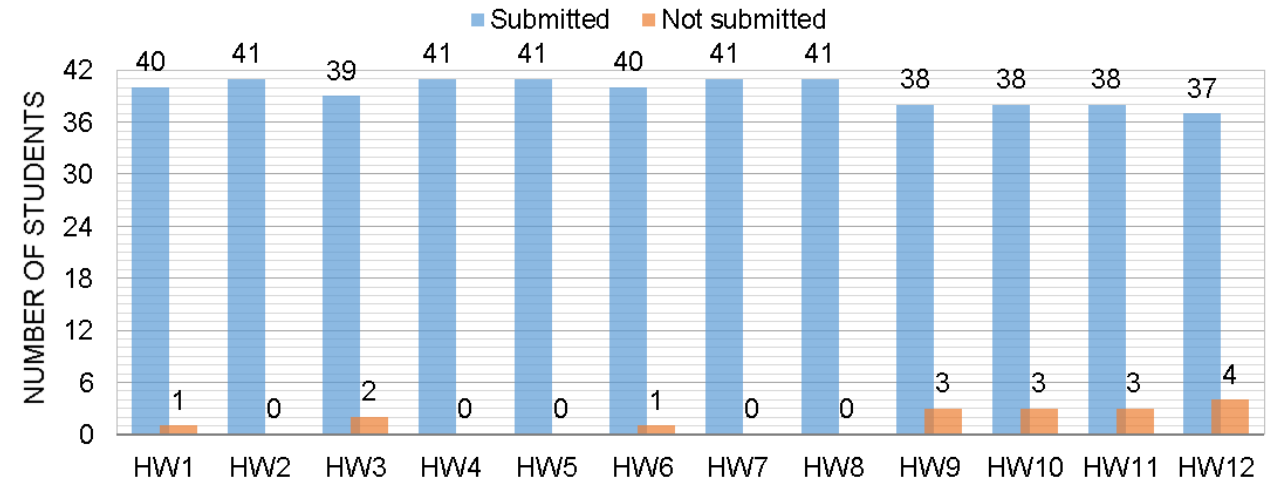
Grade distribution



Grade history



Submission history



Comments

- Many students considered the rod as a two dimensional body instead of a cylinder. Consequently, they did not use the correct drag coefficient (P7.93).
- Many students used the wrong lift and drag coefficients (P7.108).
- 44% of undergraduate students attempted to solve the comprehensive problem, all of them with good results.