

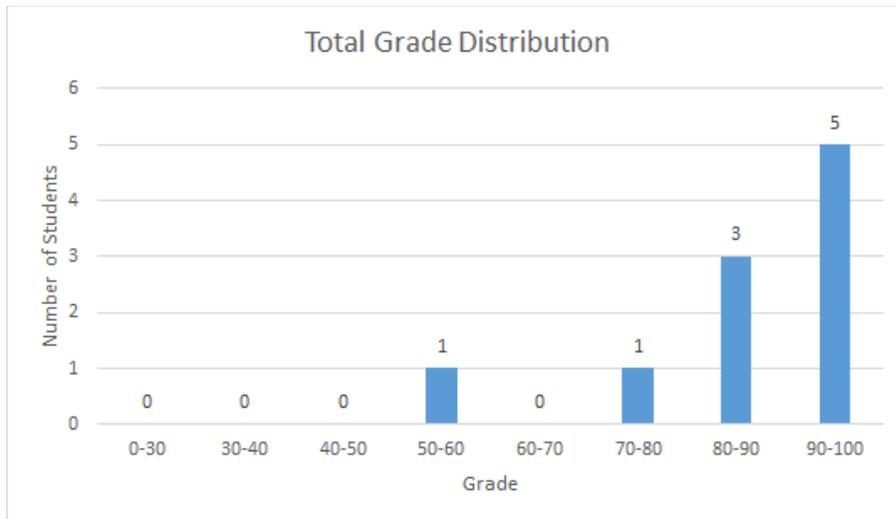
Exam 2 Report

11/11/2020

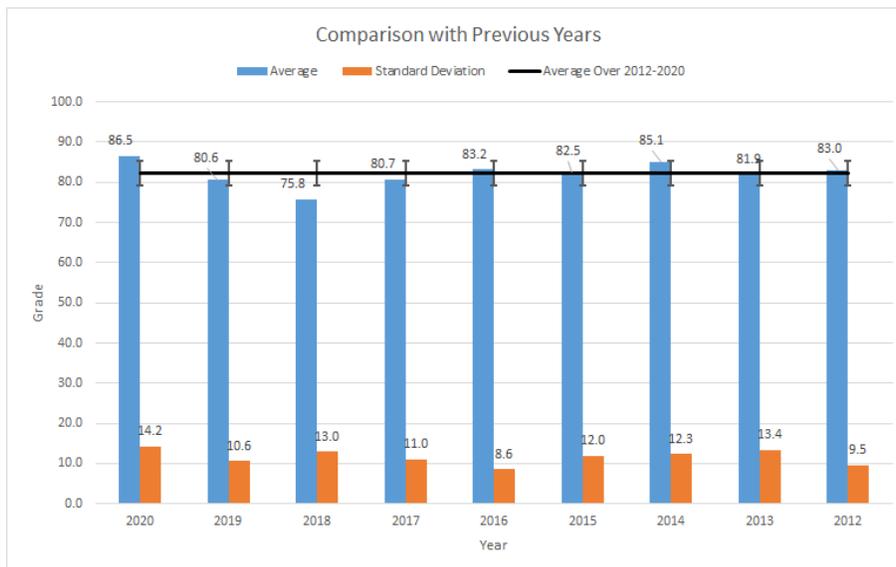
1. Summary

Total number of students	10
Attended	10
Missed	0
Number of problems	2
Average grade	86.50
Standard deviation of grades	14.20

2. Grade distribution



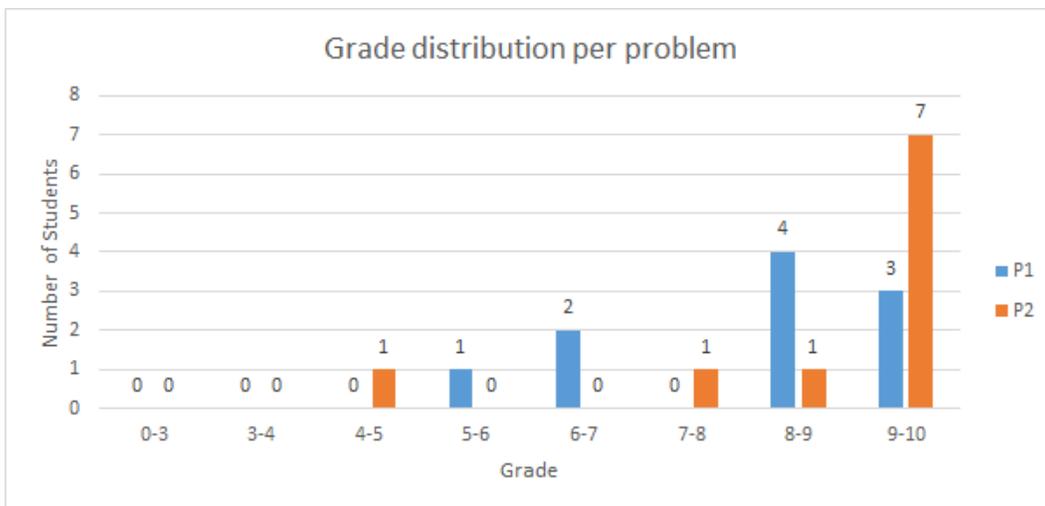
3. Comparison with past years



4. Individual problem breakdown



5. Grade distribution per problem



6. Comments

PROBLEM 1

- Several students could not derive the head loss correctly.
- One student made mistake on parenthesis, so derived wrong velocity profile.
- Some of students skip the sub question of “(c)shear stress” or “(d)head loss” part.
- One student missed the density at the final form of velocity profile.
- One student indicated wrong sign at shear stress.
- One student could not derivative the velocity profile correctly, so derived wrong shear stress

PROBLEM 2

- Many students did not write the flow rate answer with m^3/h .
- One student made only one iteration to get the ‘f’.
- Some of students could not pick up the correct value of ‘f’ from the Moody chart.
- Several students made mistake when they simplify the energy equation.