

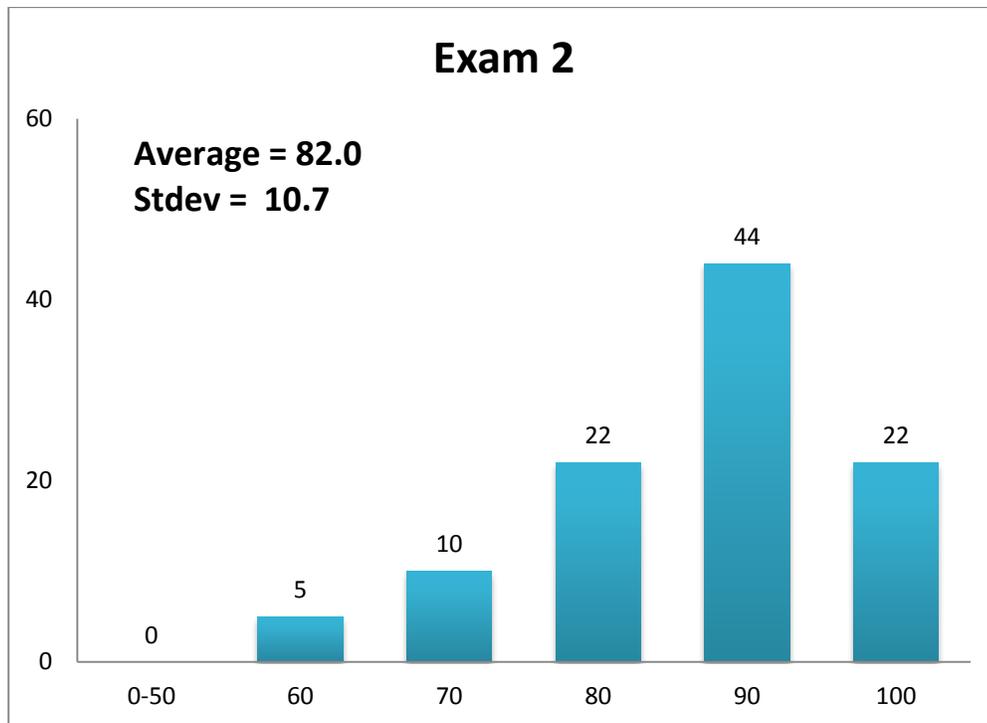
Report of Exam 2

11/17/2015

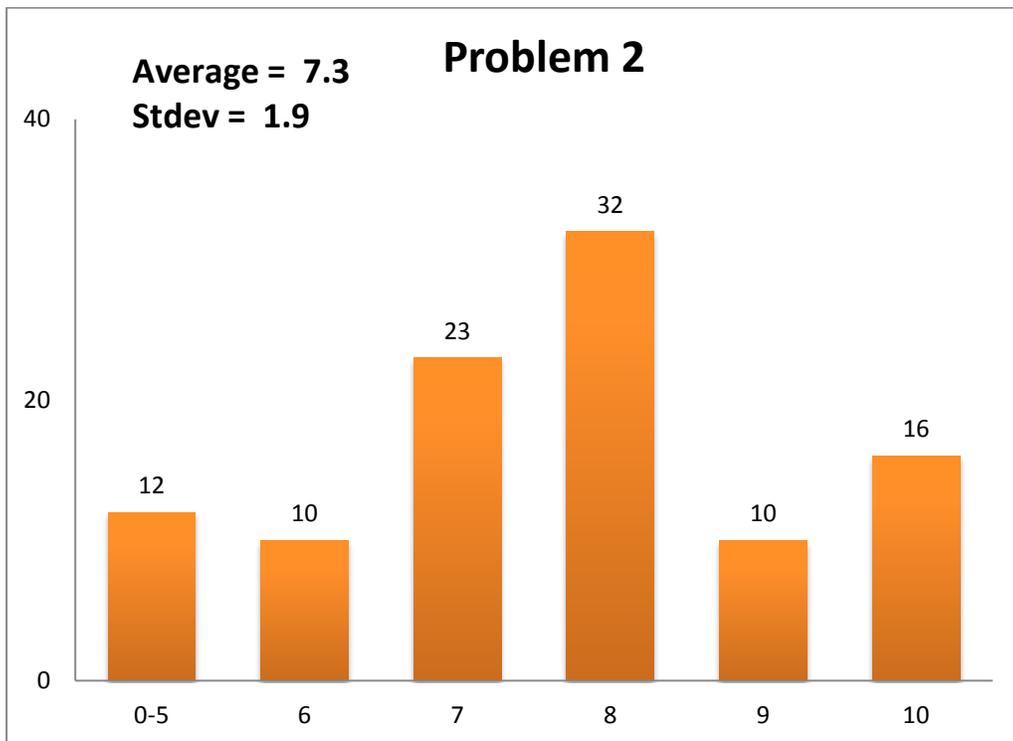
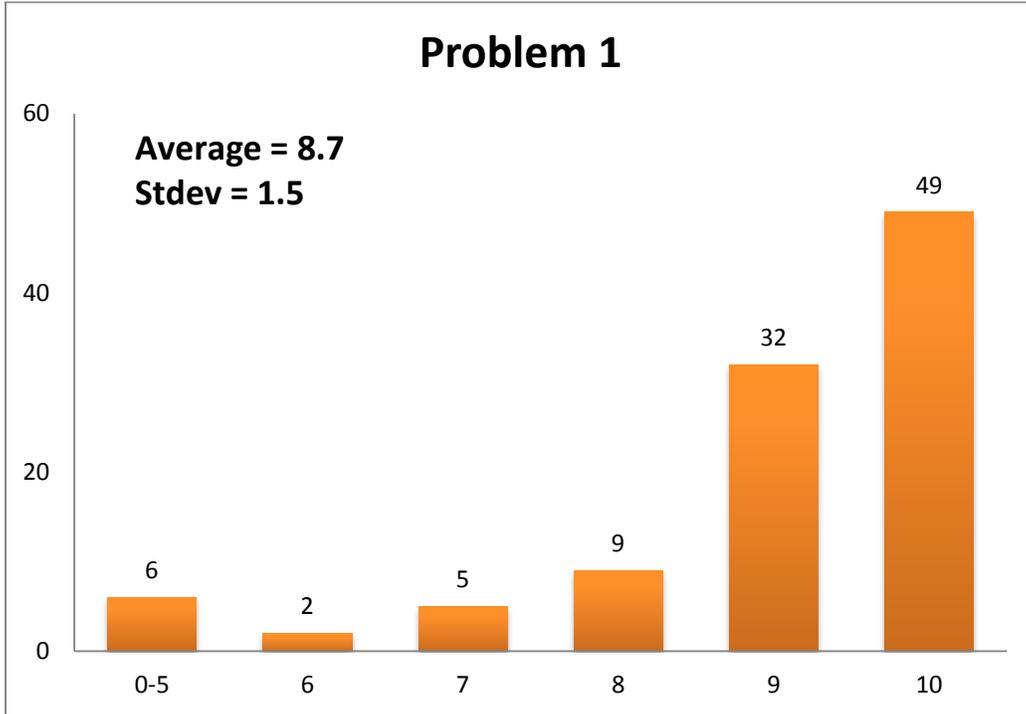
1. Summary

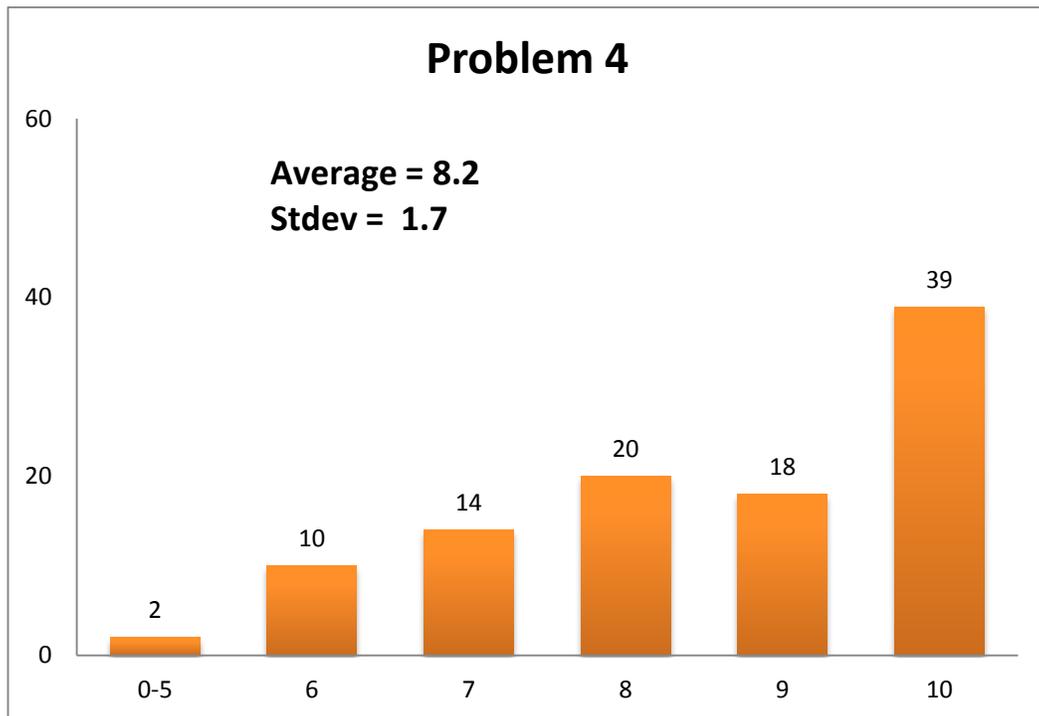
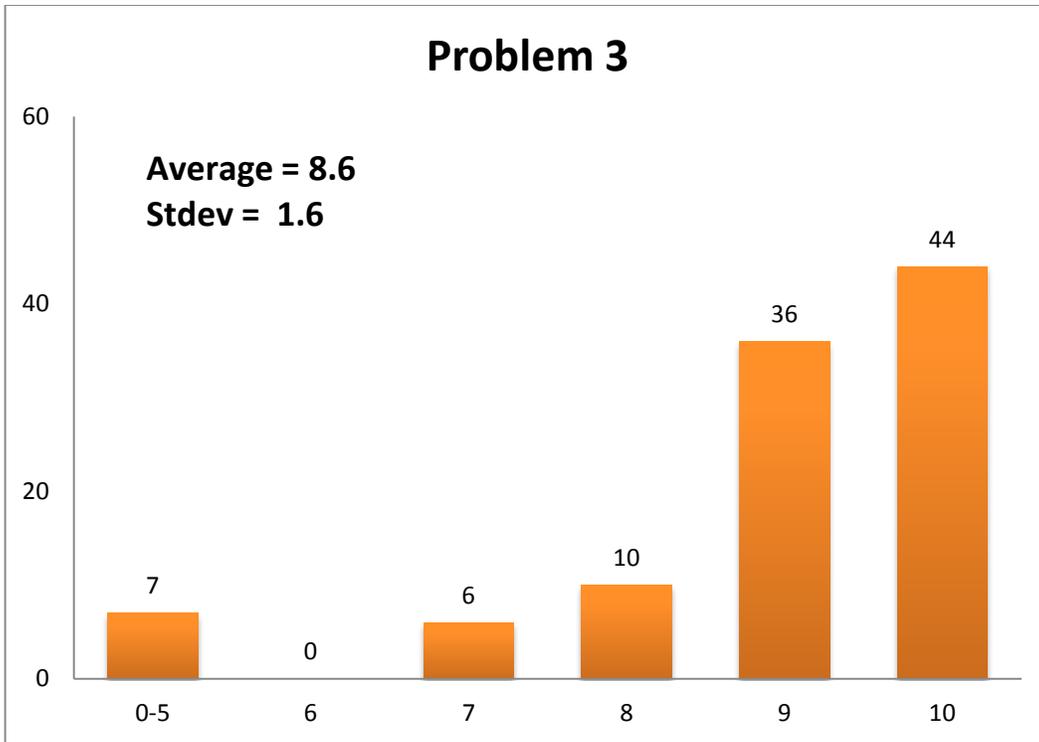
	Number of Students
Total	105
Attended	103
Missed	2
Makeup	0

2. Overall distribution

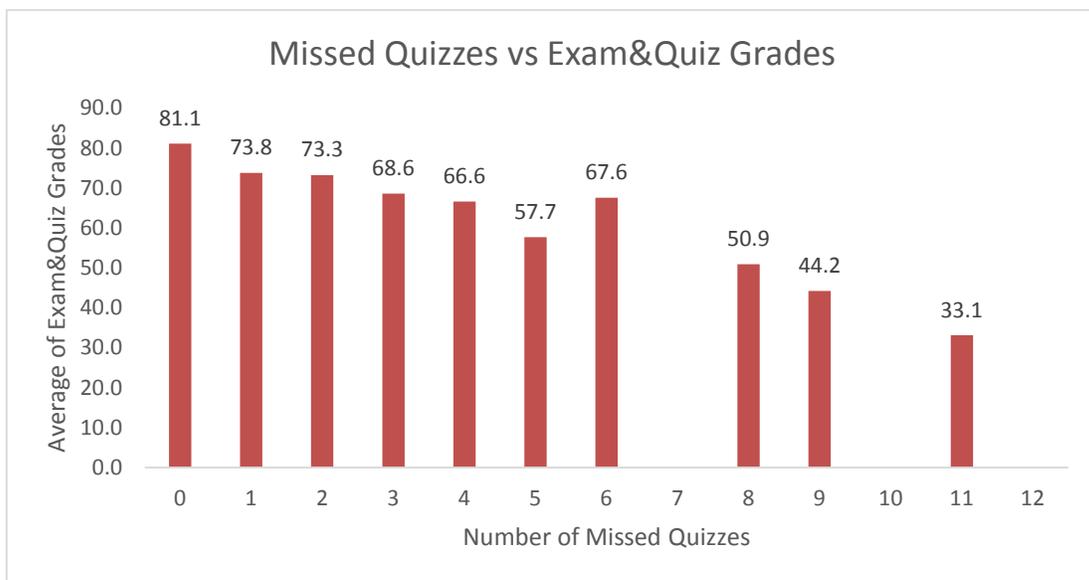
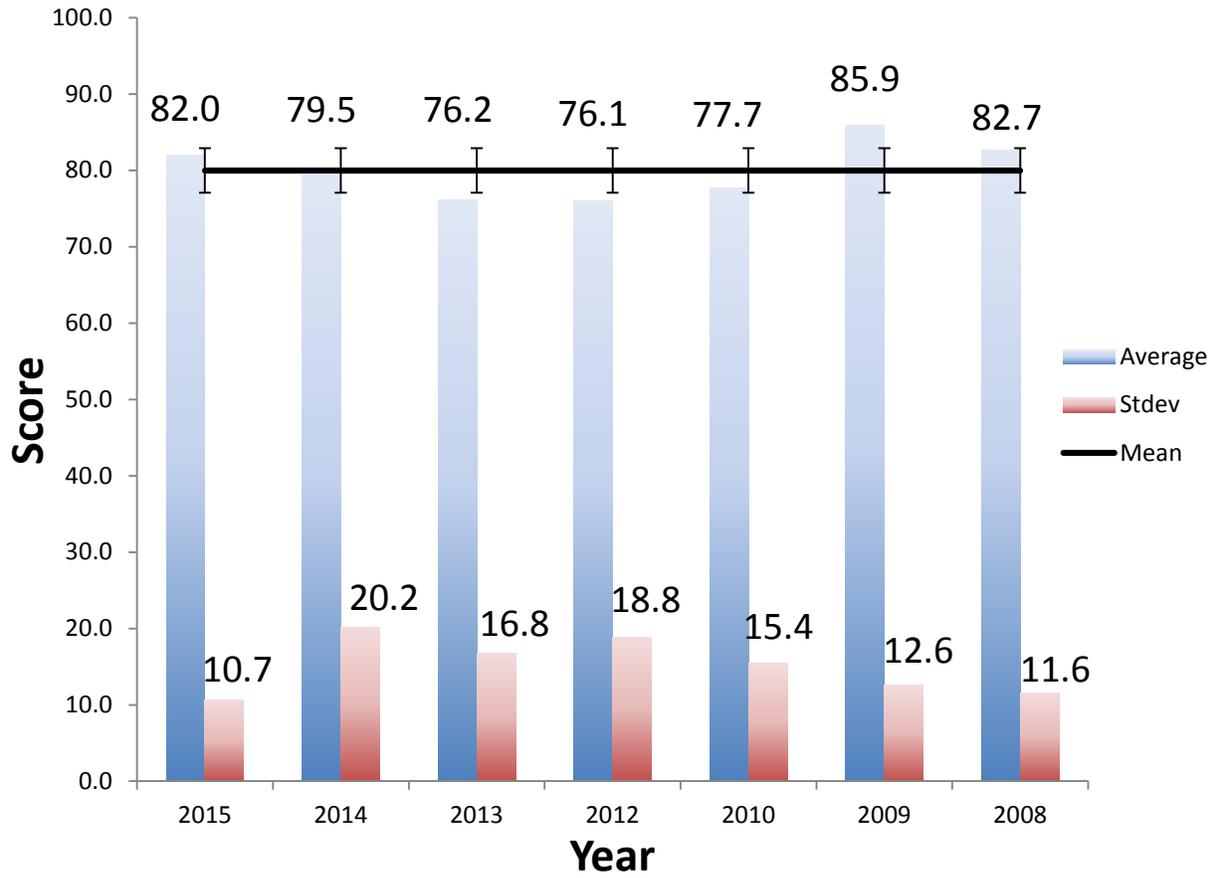


3. Distribution for each problem





Comparison with previous years



4. Common mistakes

1) Problem 1

- Mistakes in unit conversion
- Neglecting pressure force at section 1
- Wrong sign for momentum equation terms and forgetting $\cos(30)$

2) Problem 2

- Some student did not use energy equation
- Incorrect assumptions for the energy equation
- Mistakes in calculating elevation change for the energy equation

3) Problem 3

- Mistake in integral calculation
- Incorrect application of boundary condition

4) Problem 4

- Wrong units for viscosity
- Incorrect selection of repeating variables
- Did not set pi parameters equal for model and prototype