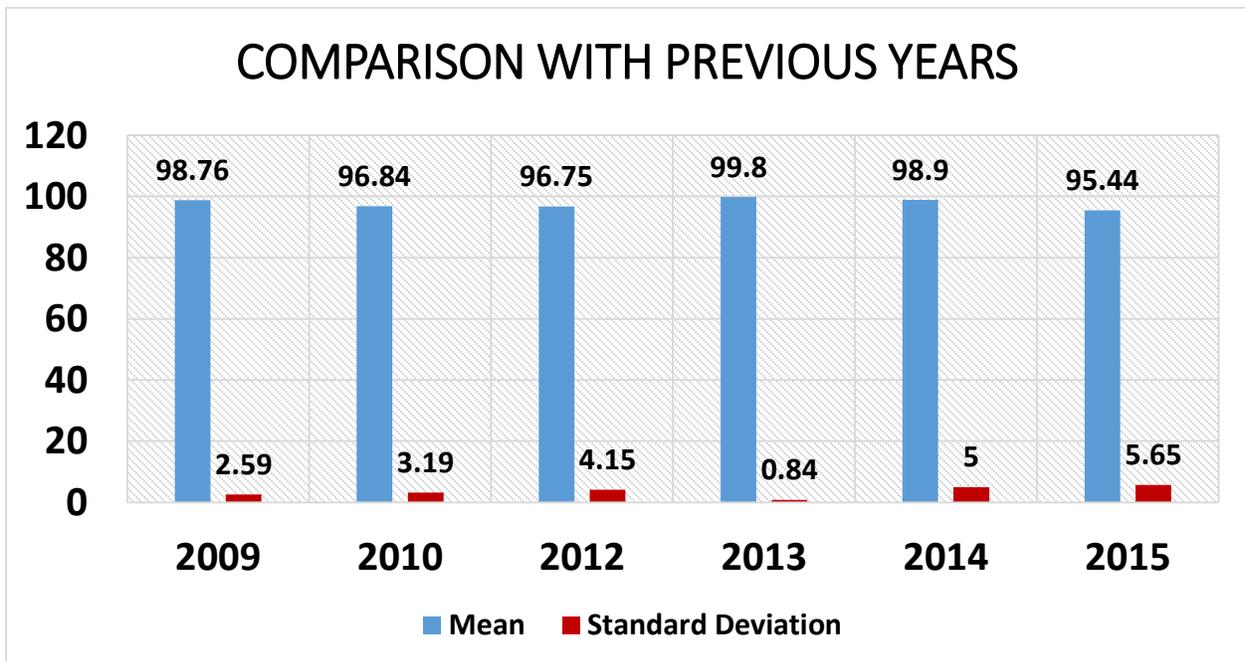
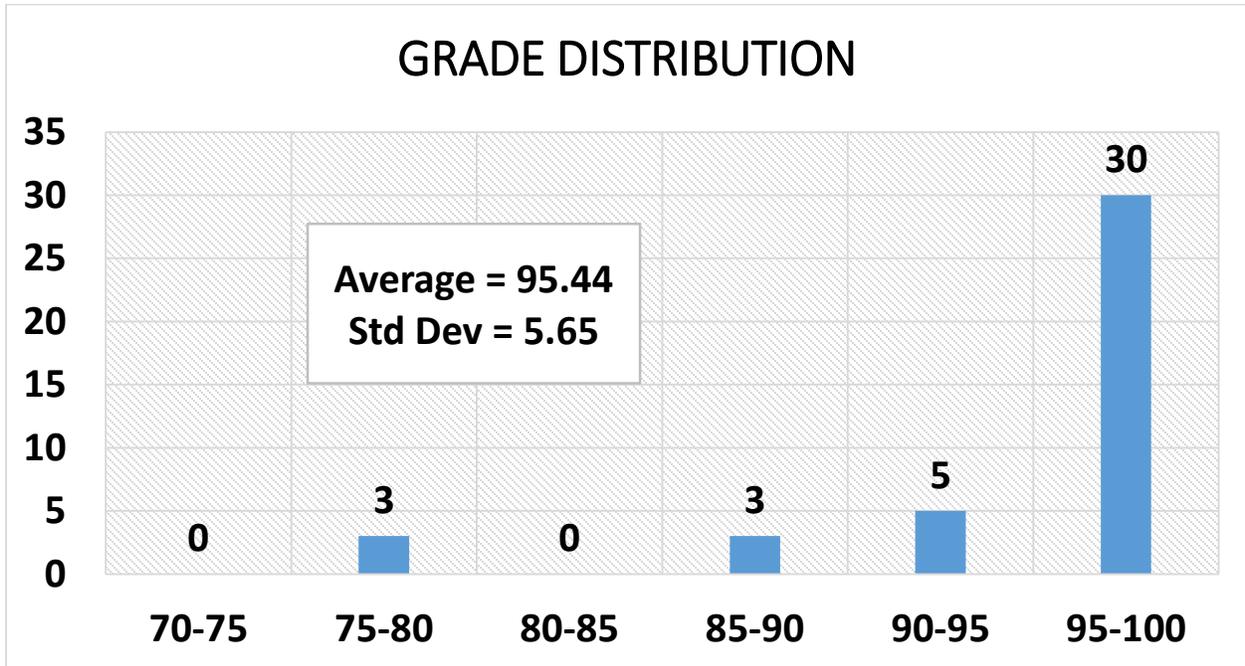
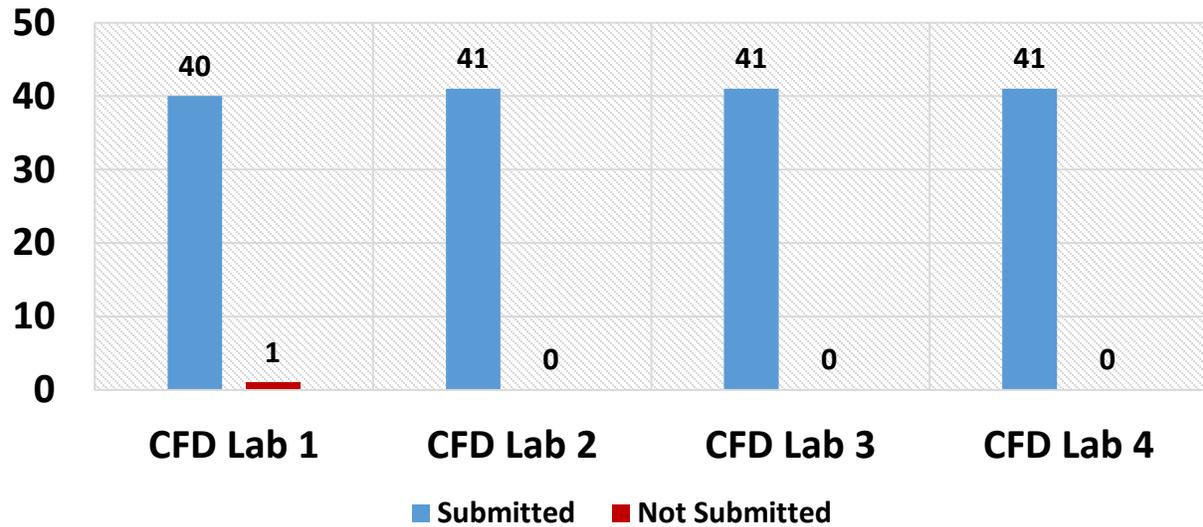


# REPORT OF CFD LAB 4

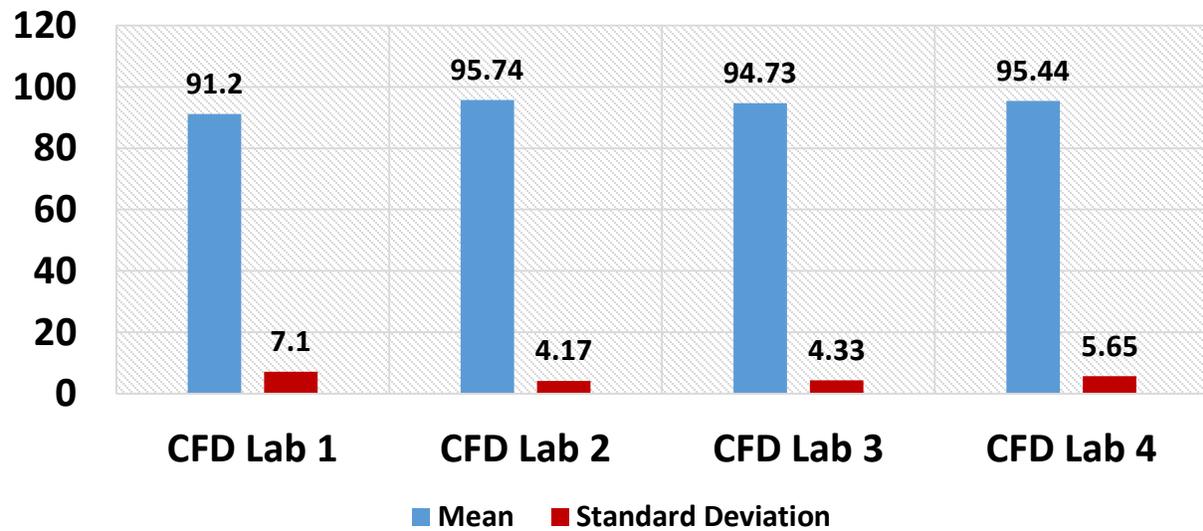
Number of Students	
<b>Total</b>	<b>41</b>
<b>Submitted</b>	<b>41</b>
<b>Not Submitted</b>	<b>0</b>



## SUBMISSION HISTORY (FALL 2015)



## COMPARISON OF CFD LAB (FALL 2015)



## 1) Common Mistakes

- Students struggled with figuring the drag coefficient for the individual components from the provided schematic
- Students did not include the discussion of boundary conditions in the CFD process
- Students did not include all of the required figures as per the exercise guidelines

## 2) Feedback

### a. Positive

- Students liked the introduction to transient problems
- All students understood the CFD process and were successful running the simulations.
- Many students were satisfied with the lab and felt they benefitted from the lab.

### b. Negative

- Students did not like that there was no introduction to 3D problems in the lab sessions
- Students felt the movie generation steps were a bit tedious

## 3) Student Suggestions

- Conduct studies where the slant angle is varied
- Include a background section on prominent physics of the lab, this lab would include section about separation and vorticity formation
- Include more details in the difficult steps
- Consider doing a 3D ahmed car simulation to have introduction to 3D simulations