

Reading Assignment 08/29

(due: Friday, August 29, 9 am)

Please emails (kvollmay@bucknell.edu) only as textfiles!!! (no word doc.)

Read: • Course Information

- §1.1 – 1.3

1. Ideal Gas: What is the relation between pressure and the average velocity?

2. Equipartition Thm: Why does each vibrational mode account for *two* degrees of freedom?

3. Comments: What of this reading did you find most difficult and what did you find most interesting? Any questions about the course information?

Homework: 1.1, 1.11, 1.16 Hint: Air is mostly N₂