

MAE 6245 (Spring 2020)

Robotic Systems

Assignment # 4

[10 points]

[This is a soft copy submission. No need to submit a hard copy in class]

This assignment is to be completed in groups of two – basically one assignment for each team for the class project. Please indicate both your names on the answer sheet.

- 1) Describe what you are planning to do for your class project in detail. Basically mention all the aspects of the problem you are planning to work on (for example, dynamic simulation, controls, etc.). Describe what methods you are planning to use for each of these (for instance, deriving dynamic equations by hand or using manually tuned PID control for inner loop, etc.). Also mention any sources of information (such as books or papers), software code, etc. you are planning on using. If you are de-emphasizing certain aspects and doing more on certain others, please mention that as well. **[10 points]**