

Math 154, Spring 2021 **HOMEWORK #0** *due Thursday, April 1*

Problems 1 and 2 of this homework will ONLY be graded for completion (10pts each). Write very neatly, or type your solutions on your computer. Upload your solutions to these two problems to Gradescope.

Problem 3 is a syllabus quiz, which you can find in Canvas under “quizzes”. It is worth 10pts and graded automatically by Canvas.

Q1. (10 pts) Answer parts (a), (b), (c), and (e) of **Question 1.1** at the end of chapter 1 of the textbook. For question (c), delete the vertices v_3 and v_6 together with all the edges incident to them, then count the number of edges remaining.

Q2. (10 pts) Answer parts (a), (b), (c), and (g) of **Question 1.4** at the end of chapter 1 of the textbook.

Q3. (10 pts) Go to Canvas quizzes and take Quiz 0, the “Syllabus quiz”. Note that you have 10 attempts to get it right and no time limit (except you must be done by Thursday at 11pm).