

# **APM 4663/5663—Fall 2024**

## **Hints for Assignment #2**

1. Use the same proof method as on the similar problem from the first assignment.
2. Use the same proof method as on the similar problem from the first assignment.
3. Show that the line graph has the necessary properties we had in the characterization for the existence of an Eulerian tour. Remember to show that the line graph is connected!
4. Use the same proof method as on the similar problem from the first assignment.
5. Use the same proof method as on the similar problem from the first assignment.