# **Lab 7: Electrocardiography**

## **Post Lab REPORT (15 points)**

Name(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. (5 pts)Draw an ECG, label, and explain all the waves and intervals. Do not forget to correctly label your axis including units.
2. (5pts) Draw and label channel of events of the myocardial action potential with correct axis and units
3. (3 pts) Explain how the myocardial action potential is related to the ECG that was recorded in lab.
4. (2 points) How is it possible to record electrical activity of the heart with electrodes placed on the surface of the skin? Can you think of other electrical events that can be recorded with electrodes on the surface of the skin?