

# Electrocardiography Laboratory Equipment List

## Swarthmore College Introductory Physics for the Life Sciences

### Equipment and supplies needed for each station

- > Computers with Logger Pro and Mathematica (if the data animation is to be used; data could also be animated in other environments).
- > Vernier LabQuest Mini (Vernier part number LQ-Mini) or LabQuest 2 (Vernier part number LABQ2) interface boxes equipped for at least two inputs, and cables to connect to computer. Older LabPro boxes will also work if compatible with the sensors.
- > Two Vernier "EKG"<sup>1</sup>sensors (Vernier part number EKG-BTA)
- > At least 10 sticky disposable electrodes per group that uses the station (Vernier part number ELEC).

Equivalent sensors and interface from another manufacturer can also be used with adaptations to the lab instructions.

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<sup>1</sup> The archaic acronym "EKG" is still used by non-medical people, and sometimes by medical professionals. This acronym probably originated from the German spelling "elektrocardiogramm". Standard medical terminology is ECG. It's not necessary to insist on correcting people who use "EKG."