Assignment 6.5.1: Spectrophotometer Calibration Measurements and Calculations

Use the spreadsheet "6.5.1 Spectro Calibration with percentage calculation.xlsx" to calibrate your spectrophotometer:

- Use your spectrophotometer to measure resistance of the photoresistor for each of the calibration samples and record the results in your notebook.
- Enter data for each calibration sample into the spreadsheet and save it in a location you can access in the future.
- Enter daily spectrophotometer readings of samples from your bioreactor into your notebook and the spreadsheet.
- Create a formula to estimate the concentration percentage based on your calibration data.

Submit your spreadsheet.

The spreadsheet "6.5.1 Spectro Calibration and PBR concentration worksheet.xlsx" uses a more complex, but more accurate method to calculate concentration. If you are curious, feel free to look it over.

