Error Codes for Grading Lab Practical

0! parameters not reported

0 parameter errors not reported

1 incorrect rounding of reported number

1$^+$ too many sigfigs in reported number

1$^-$ too few sigfigs in reported number

1e$^+$ too many sigfigs in reported error

2 missing or incorrect units in reported number

3! calculation of quantity wrong or missing

3s calculation of quantity or error not self documented

3e in calculation of quantity, error is wrong or missing

4! linear-linear plot missing entirely

4.0 missing or incorrect plot axis label: name of quantity

4.1 missing or incorrect plot axis label: unit of quantity

5 scientific validity problems (e.g. reduced χ^2 not discussed or mis-discussed)

6! fit report missing or incorrect

6.1 error not entered correctly

6.2 incorrect functional form

6.3 problems with `E+01` notation (in parameters, errors, or data)

7! missing or incorrect linearized curve

- 10 points off for '!' items; 5 points off for other items
- no more than a total of 10 points for each number
- do not 'double count' if the mistake occurs multiple times
- keep a class tally recording the number of times each error occurs; turn this in to Chair