

| | | <u>Lab Notebook Checklist</u> | | | | |
|----|-----------------------|---|------|-----------|------|------|
| | | Spring 2008 | | | | |
| | Name: | | | | | |
| | Date: | | | | | |
| | Experiment: | | | | | |
| | | | Full | Excellent | Fair | None |
| 1 | <u>Form</u> | Bound notebook | | | | |
| 2 | | No loose pages | | | | |
| 3 | | Name, address, phone, email on cover and first page | | | | |
| 4 | | Table of contents | | | | |
| 5 | | Leave pages blank at the start for later use | | | | |
| 6 | | Take notes chronologically, record partner when present | | | | |
| 7 | | To start each entry use a heading, date and time | | | | |
| 8 | | Spread out: right page for recording; left page for notes, ideas | | | | |
| 9 | | Write down your thoughts as you go | | | | |
| 10 | <u>Content</u> | The general idea of the Expt. - Purpose, theory and goals | | | | |
| 11 | | Sketch a diagram showing the physical principle | | | | |
| 12 | | How the measurement will be made | | | | |
| 13 | | Diagram of the equipment with important parts labeled | | | | |
| 14 | | Model numbers of specific equipment with specified accuracy | | | | |
| 15 | * | Procedure for each type of measurement made | | | | |
| 16 | * | Data for each measurement type - Record in raw form | | | | |
| 17 | * | Write down units and uncertainty for all measurements | | | | |
| 18 | * | Preliminary analysis of each measurement type | | | | |
| 19 | | Further analysis as needed | | | | |
| 20 | | List of Results of your experiments | | | | |
| 21 | | Notes on the treatment of uncertainty in your results | | | | |
| 22 | | List of Conclusions concerning the experiment | | | | |
| 23 | | List of issues and questions still outstanding | | | | |
| | * | Note: Repeat these items as necessary for different measurements made with the same experimental setup. | | | | |